

anova p-value: 8.4908e-05

fdr-adjusted p-value: 0.0135

species: g__Ruminococcus (UB*)[3]

SUBTYPE.AN

ANR

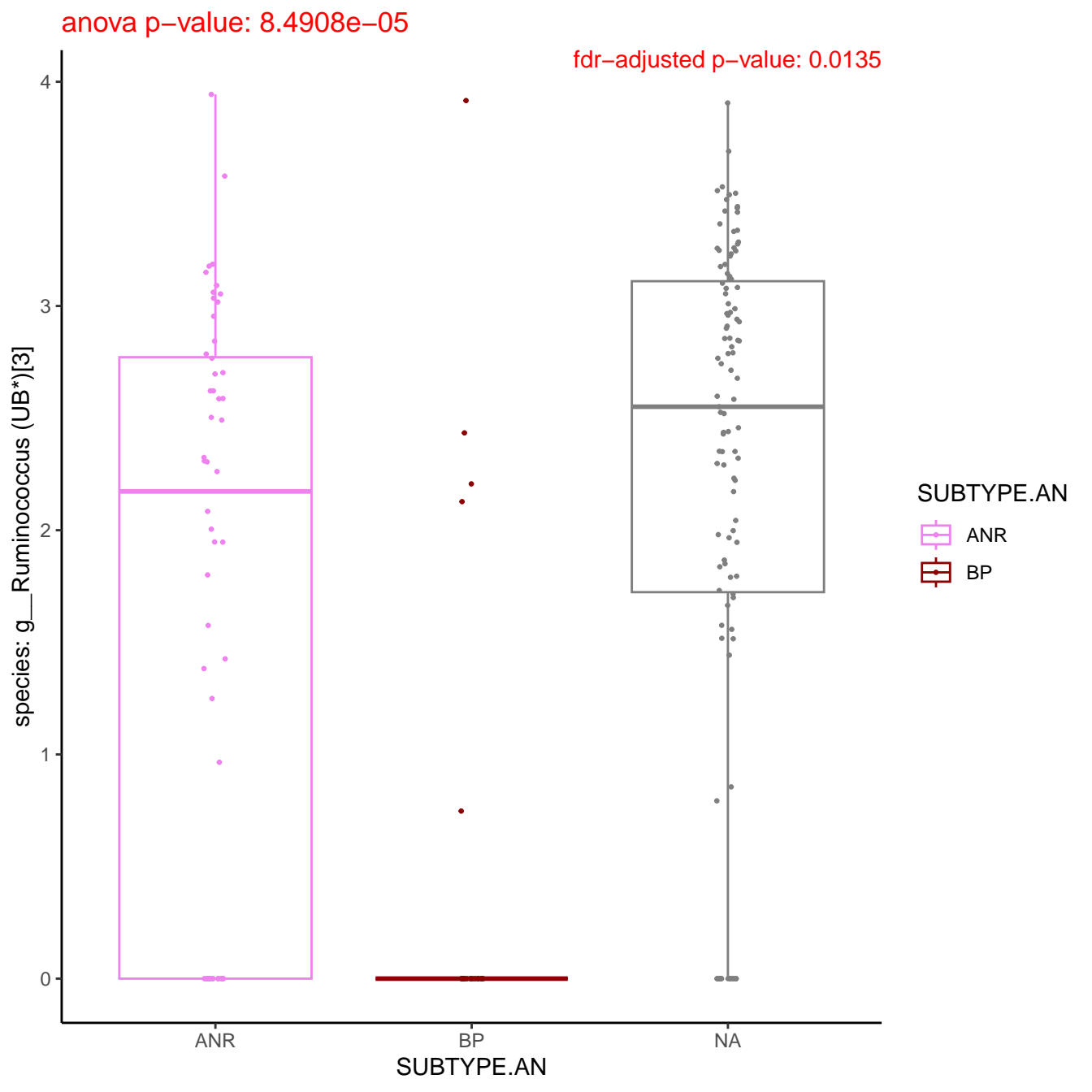
BP

ANR

BP

NA

SUBTYPE.AN



anova p-value: 0.00031105

fdr-adjusted p-value: 0.024729

species: g__Akkermansia (UB*)[23]

SUBTYPE.AN

ANR

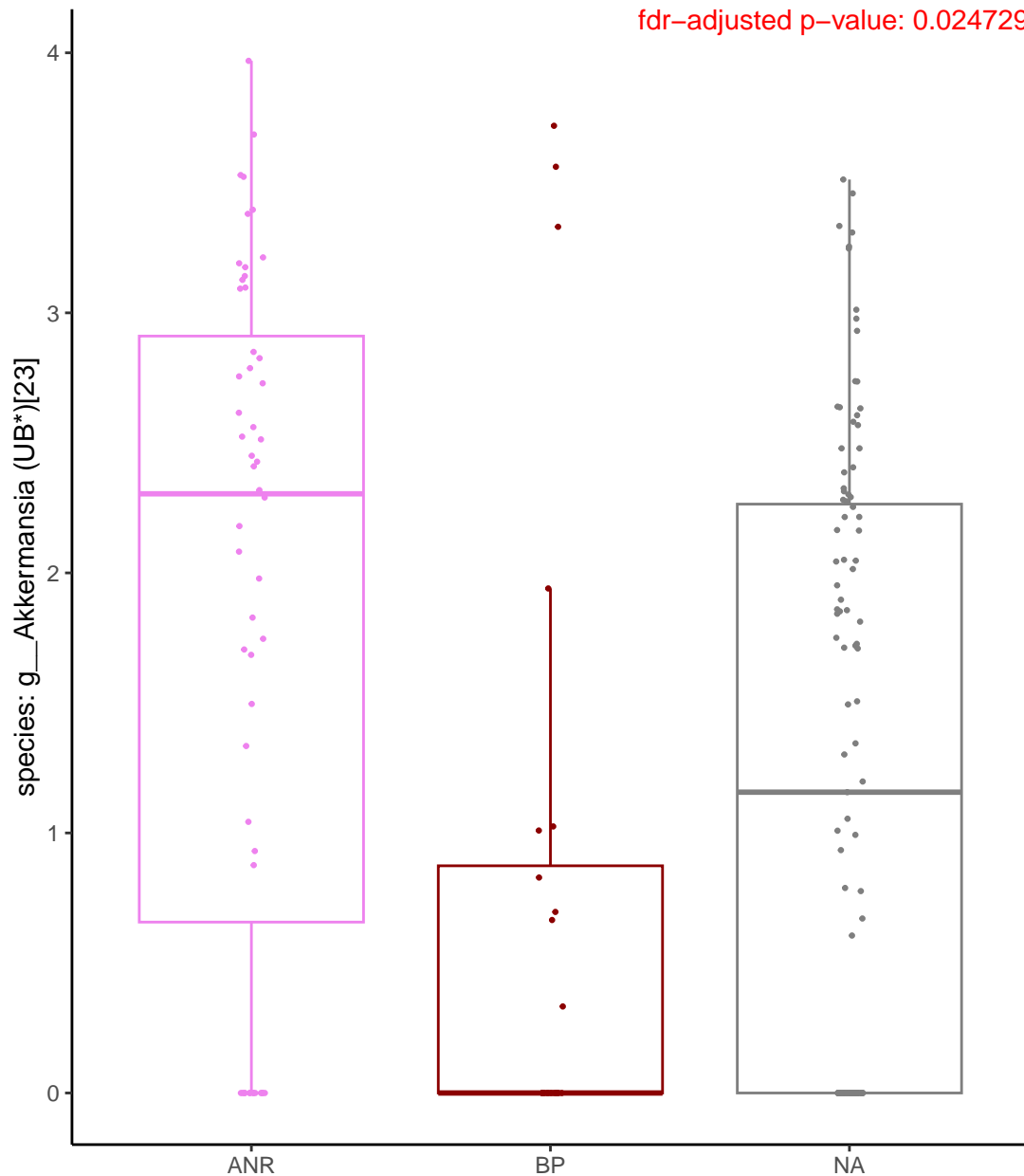
BP

ANR

BP

NA

SUBTYPE.AN



anova p-value: 0.0016703

fdr-adjusted p-value: 0.075018

species: g__UCG.002 (UB*)[53]

SUBTYPE.AN

ANR

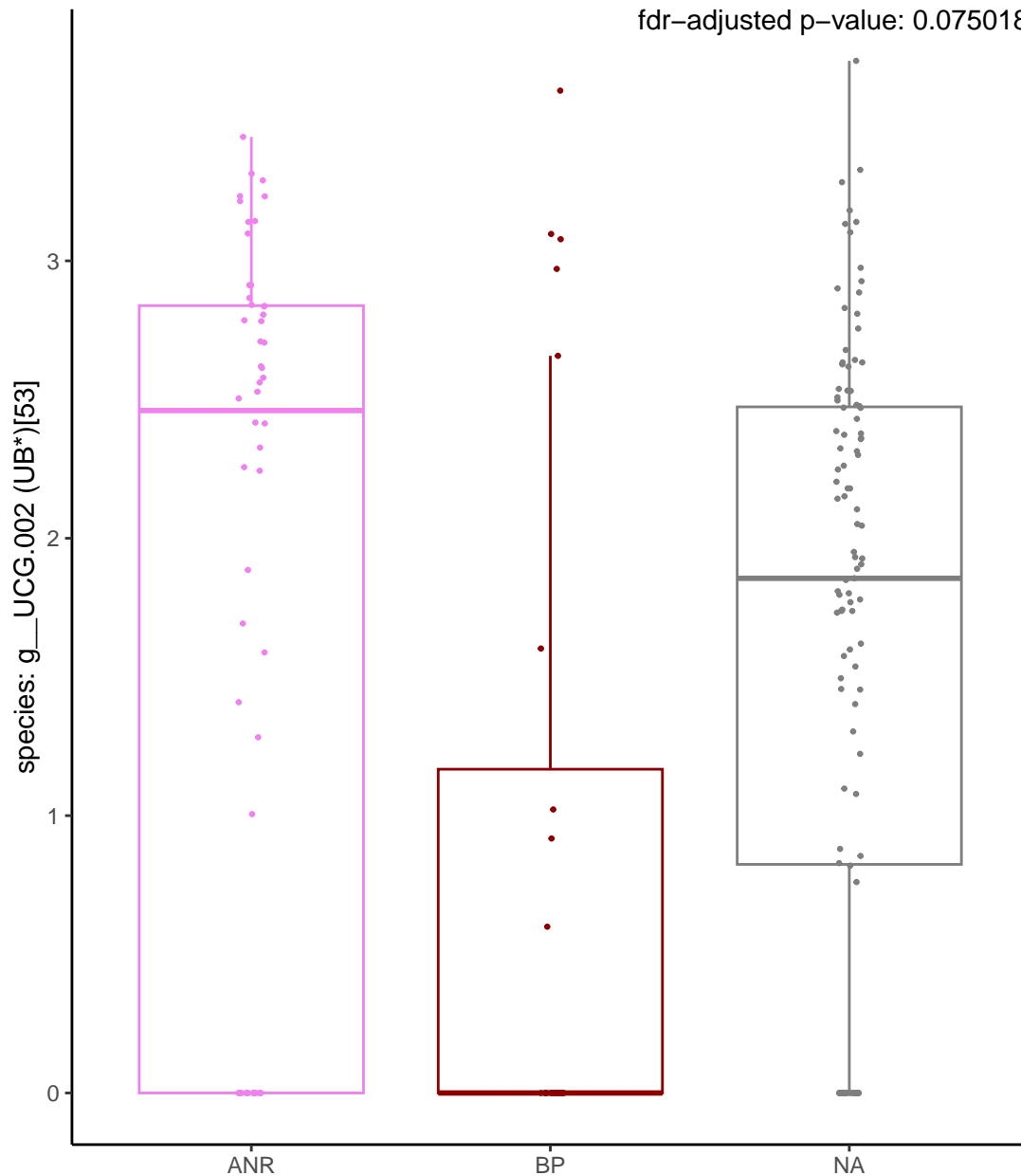
BP

ANR

BP

NA

SUBTYPE.AN



anova p-value: 0.0019649

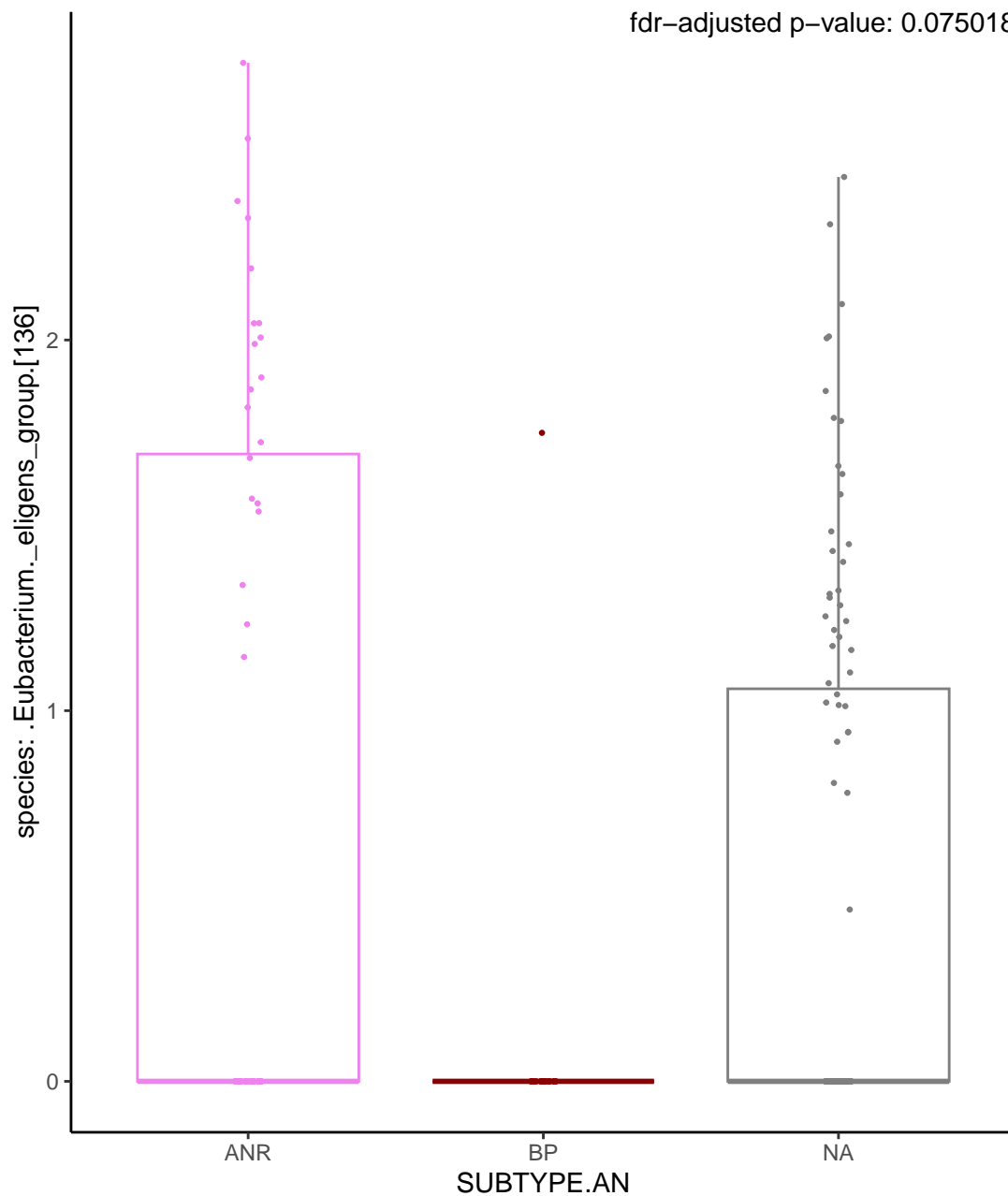
fdr-adjusted p-value: 0.075018

species: .Eubacterium._eligans_group.[136]

SUBTYPE.AN

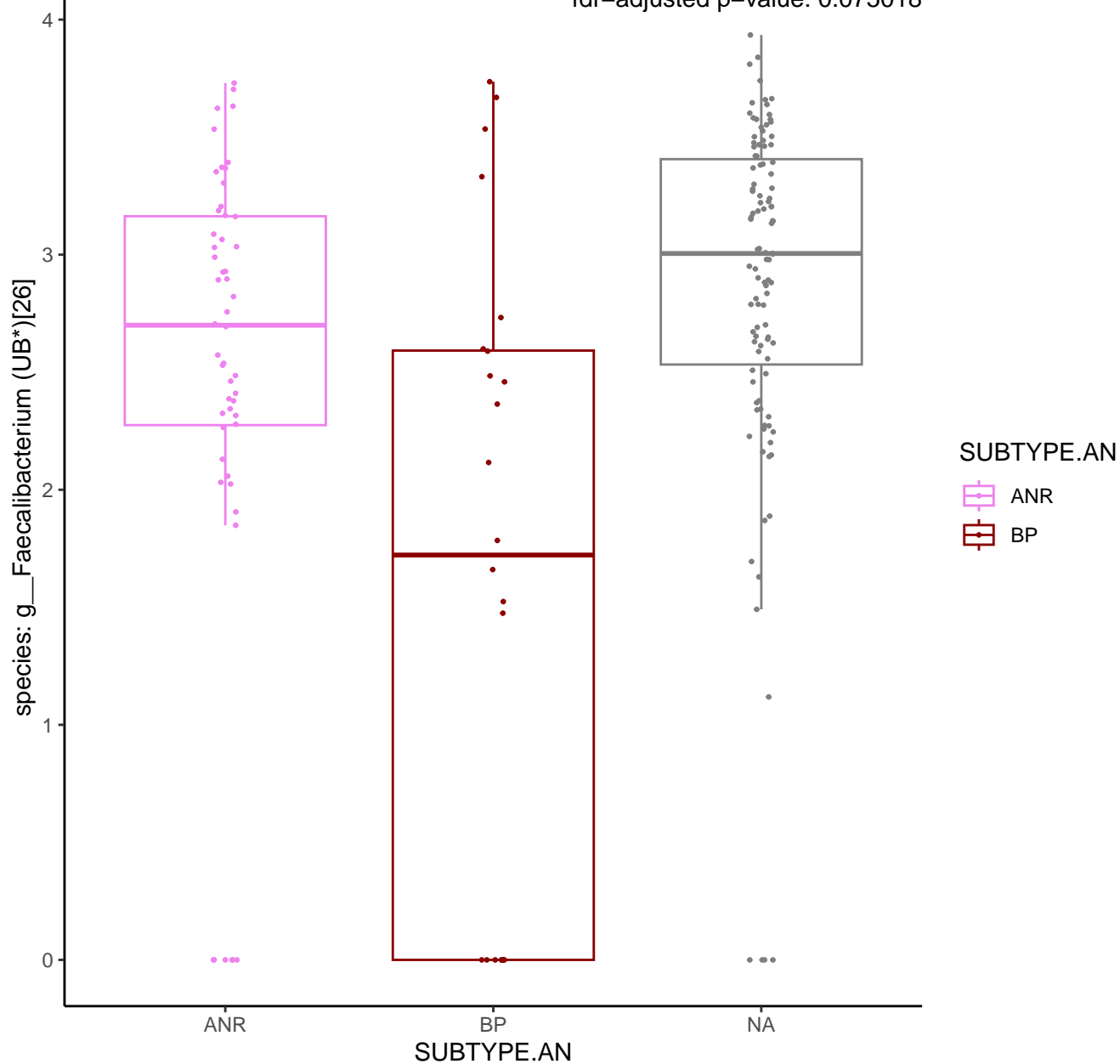
ANR

BP



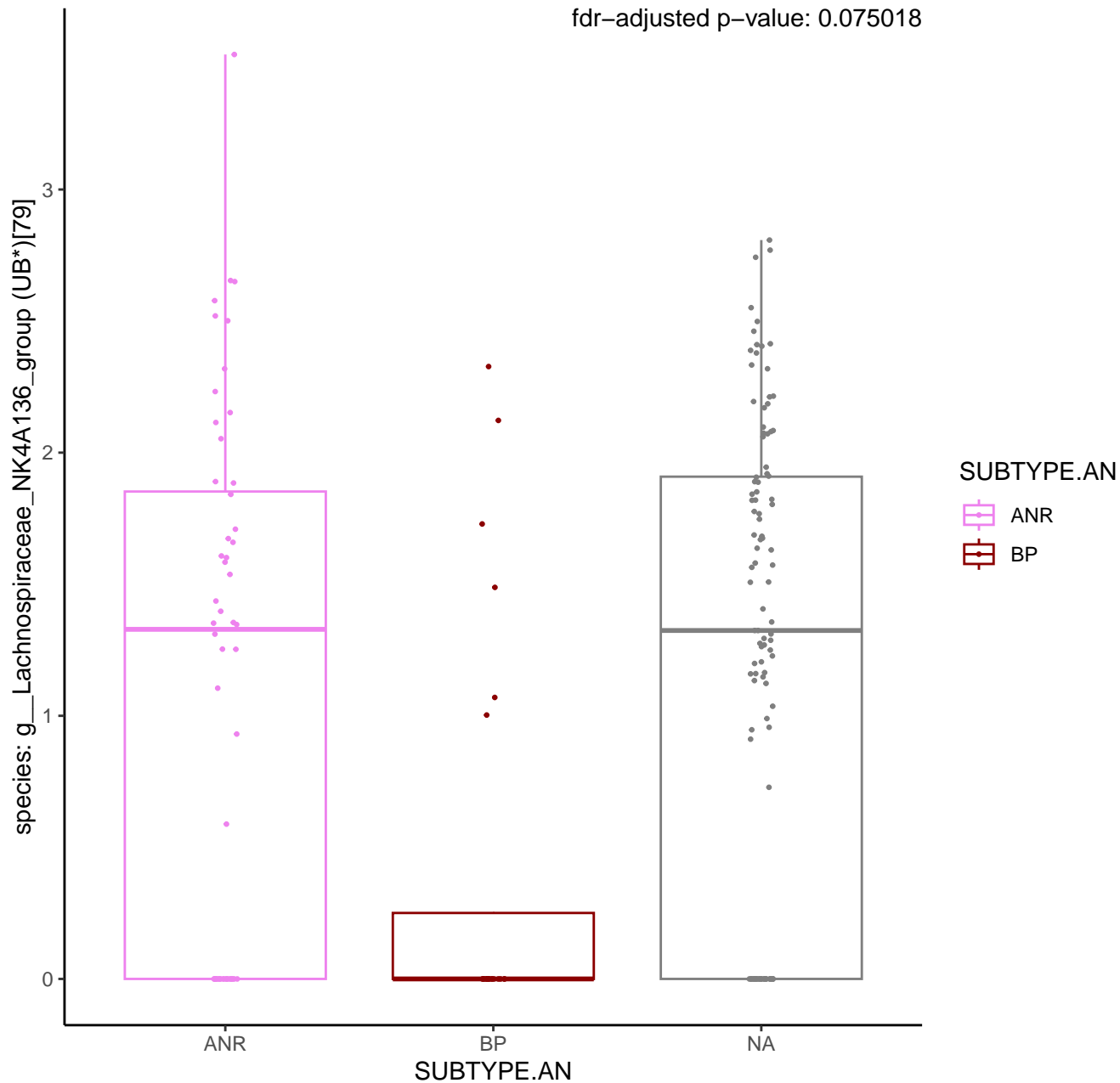
anova p-value: 0.0024279

fdr-adjusted p-value: 0.075018



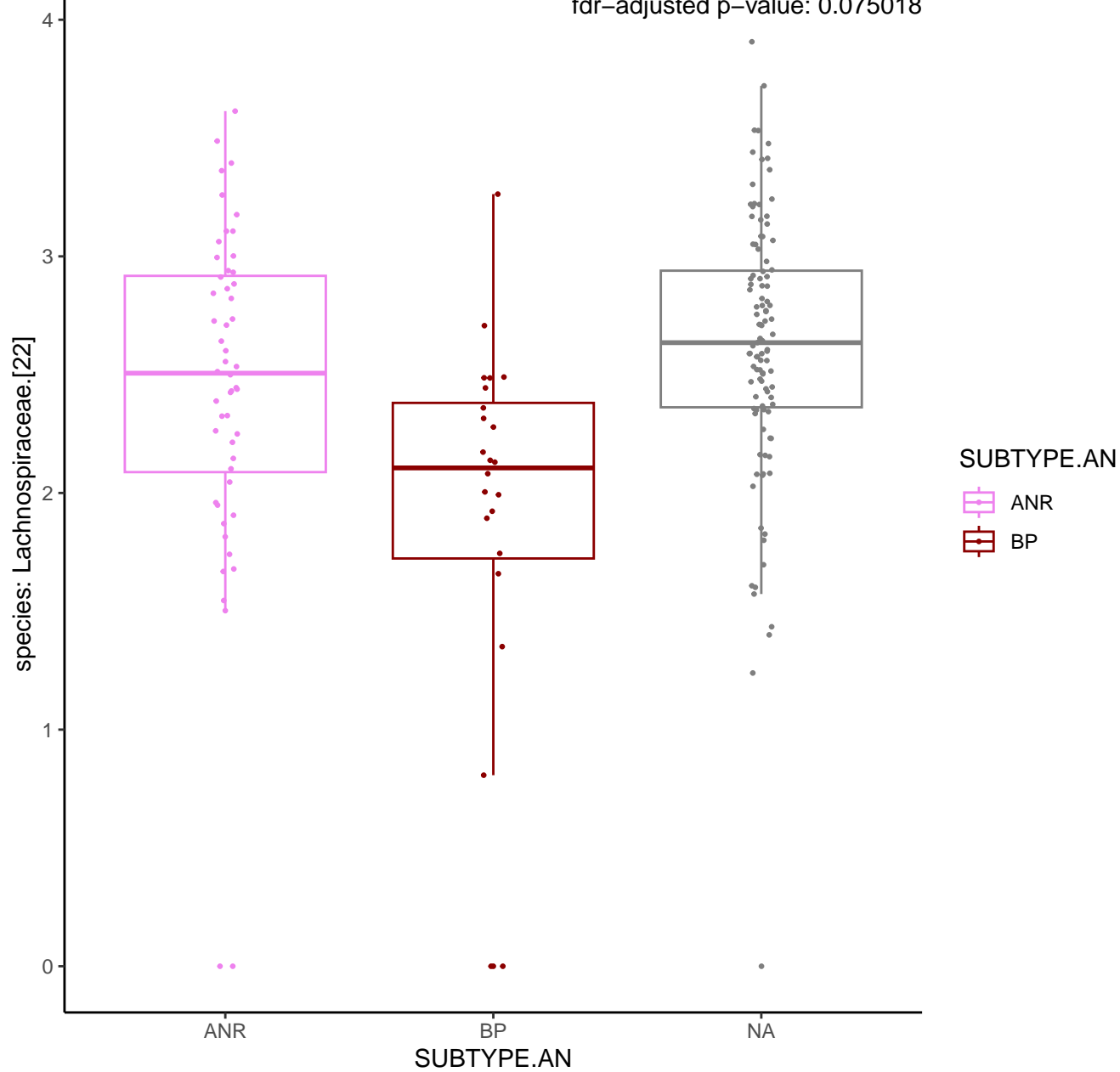
anova p-value: 0.0032381

fdr-adjusted p-value: 0.075018



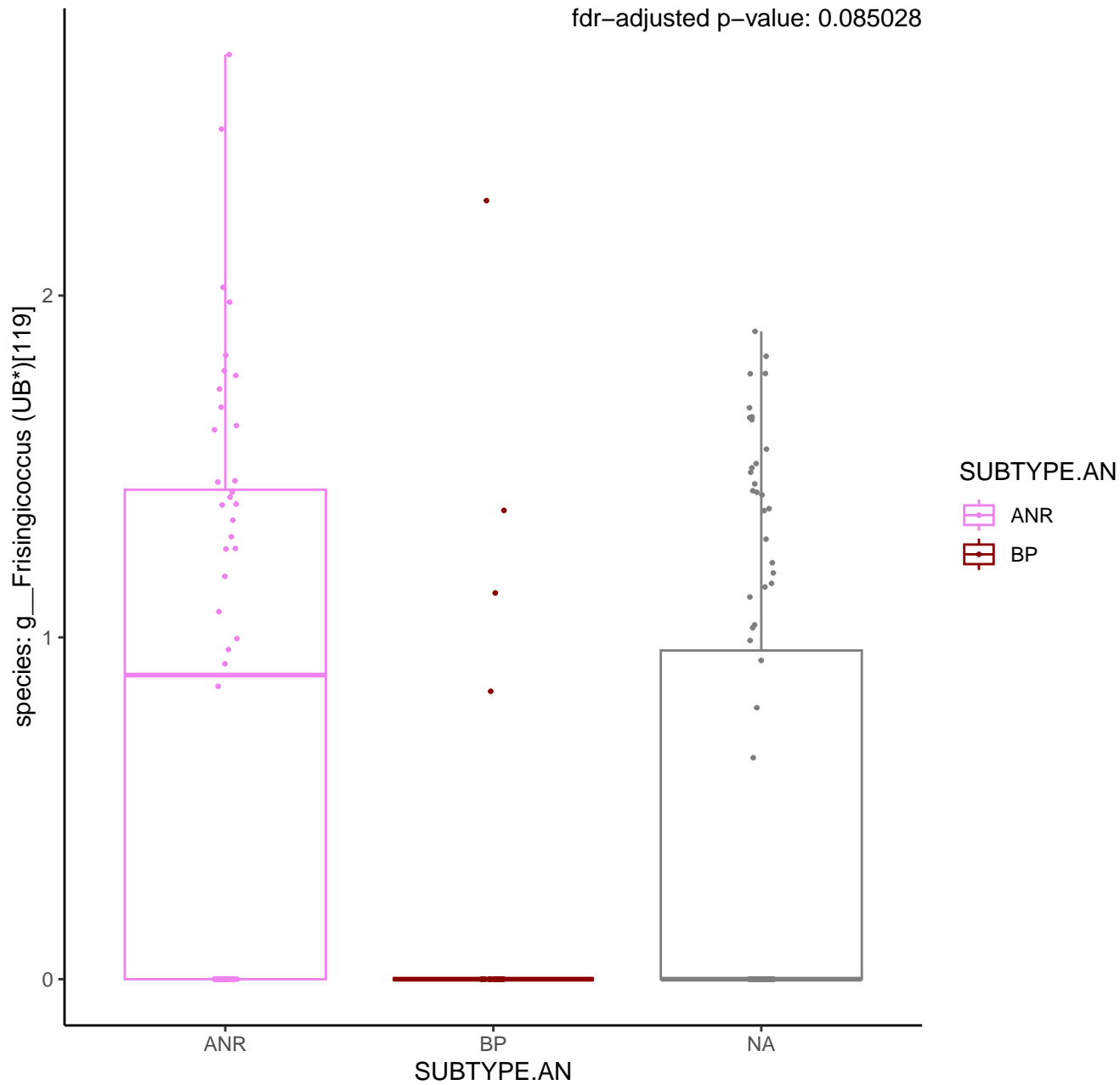
anova p-value: 0.0033027

fdr-adjusted p-value: 0.075018



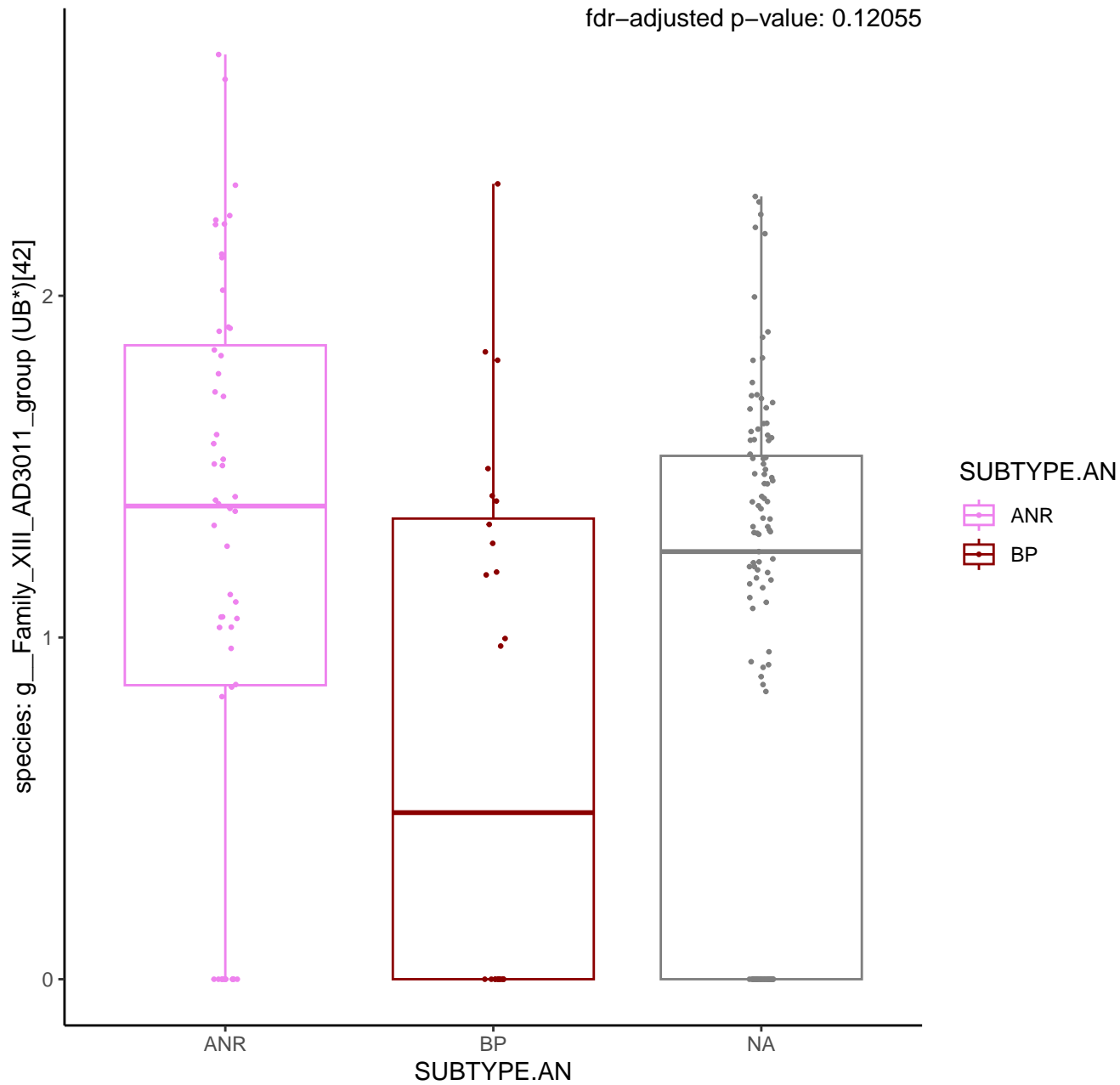
anova p-value: 0.0042781

fdr-adjusted p-value: 0.085028



anova p-value: 0.0068324

fdr-adjusted p-value: 0.12055



anova p-value: 0.0090996

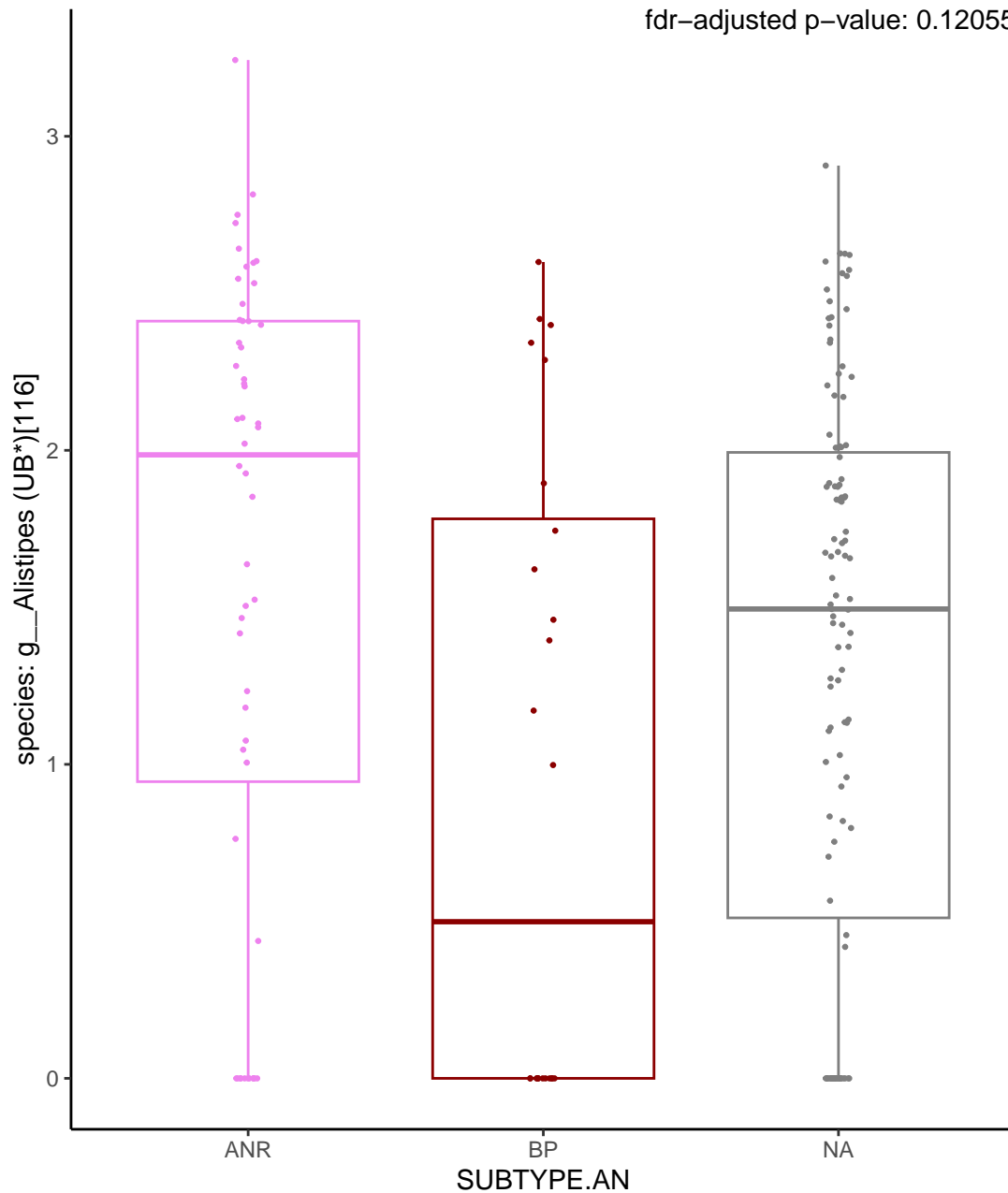
fdr-adjusted p-value: 0.12055

species: g__Alistipes (UB*)[116]

SUBTYPE.AN

ANR

BP



anova p-value: 0.0094396

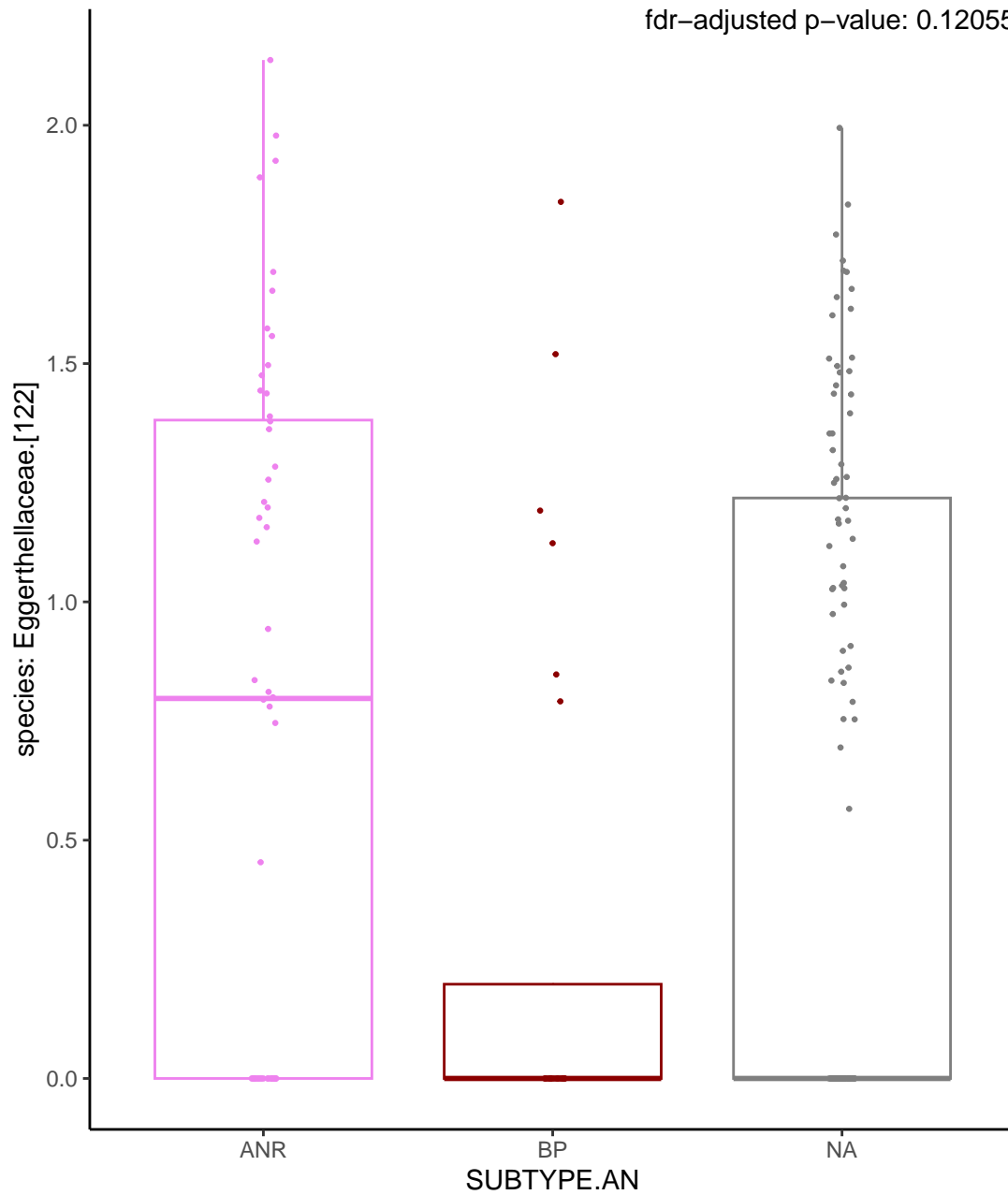
fdr-adjusted p-value: 0.12055

species: Eggerthellaceae.[122]

SUBTYPE.AN

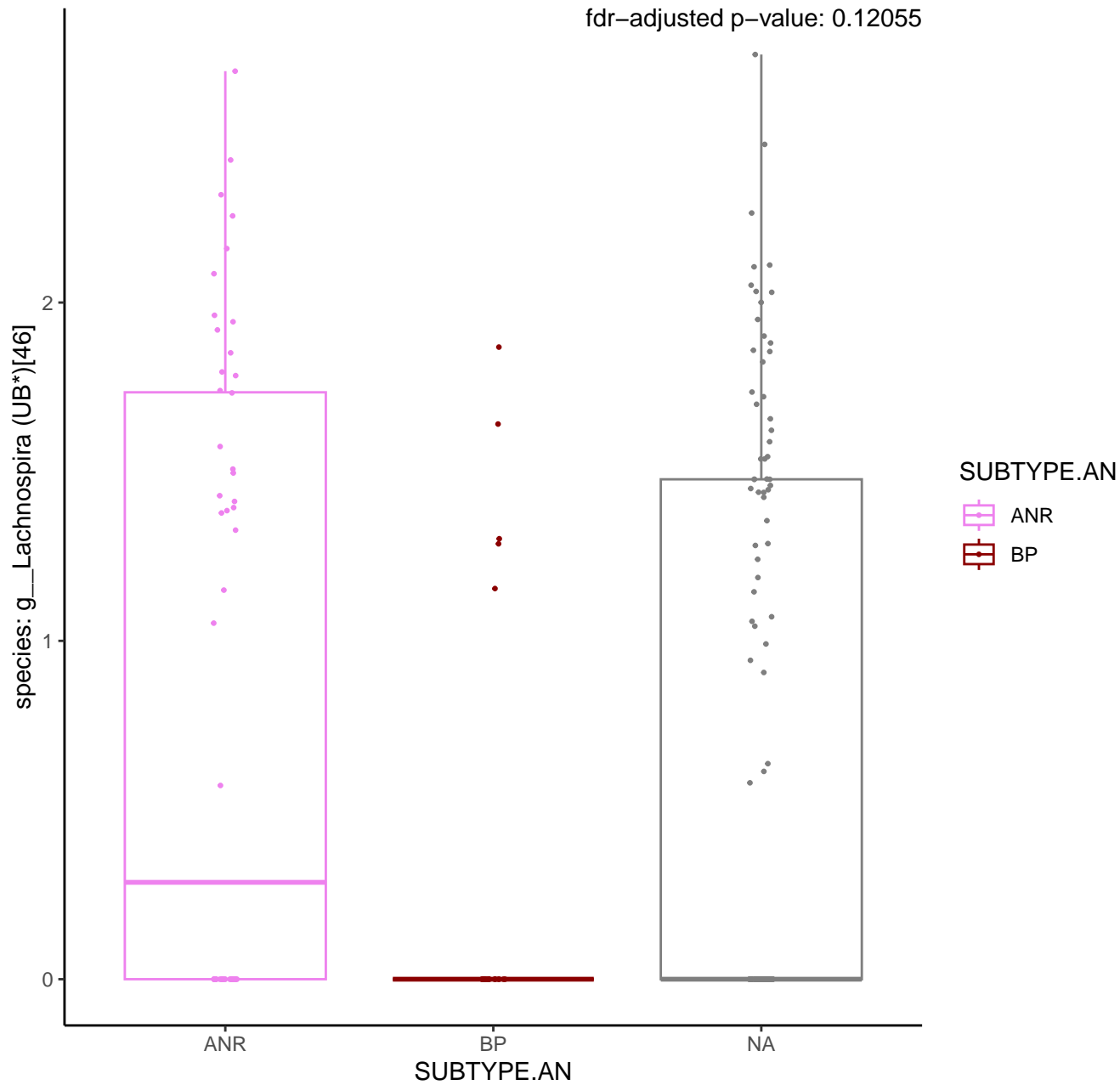
ANR

BP

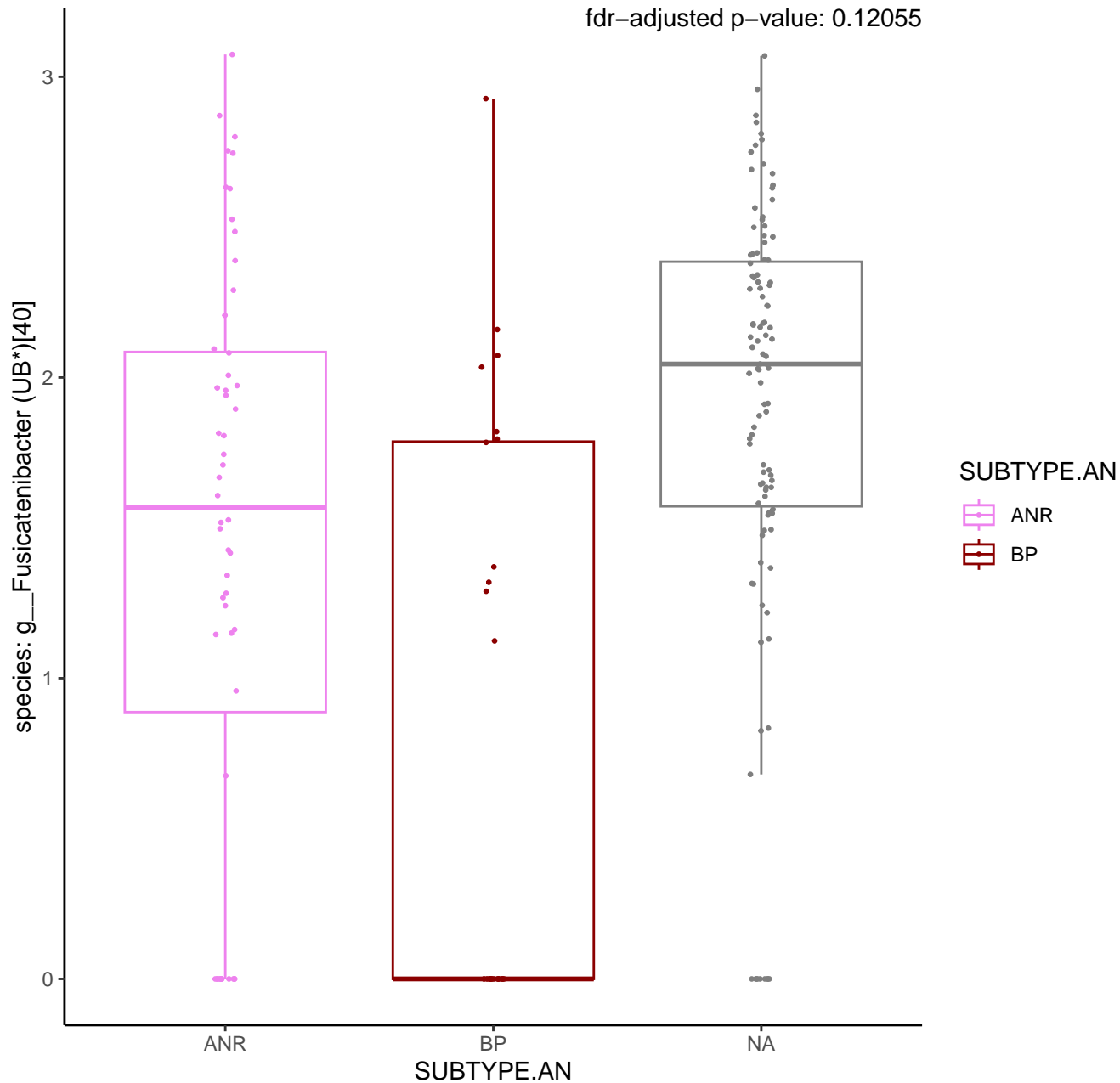


anova p-value: 0.0095025

fdr-adjusted p-value: 0.12055



fdr-adjusted p-value: 0.12055



anova p-value: 0.011275

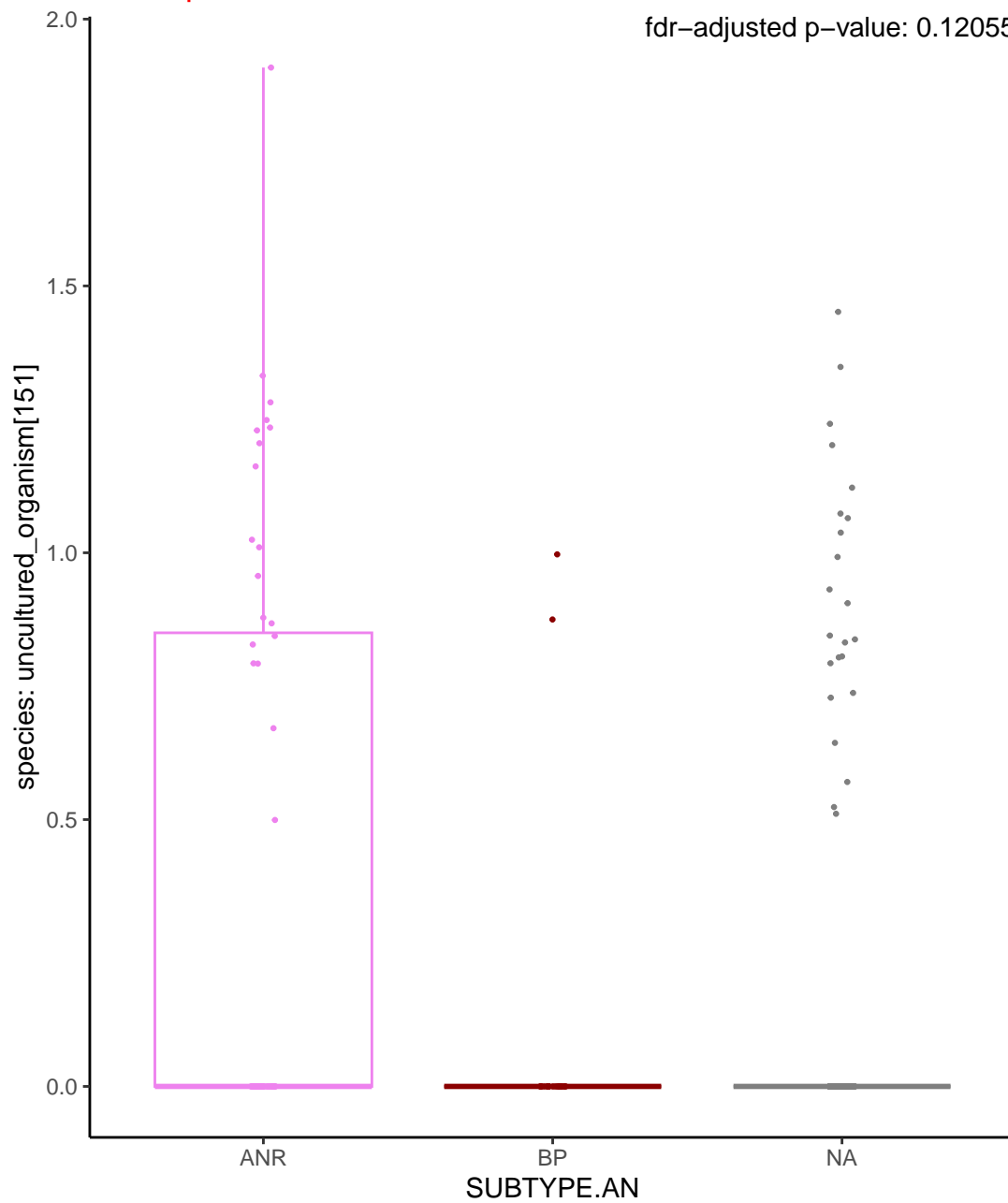
fdr-adjusted p-value: 0.12055

species: uncultured_organism[151]

SUBTYPE.AN

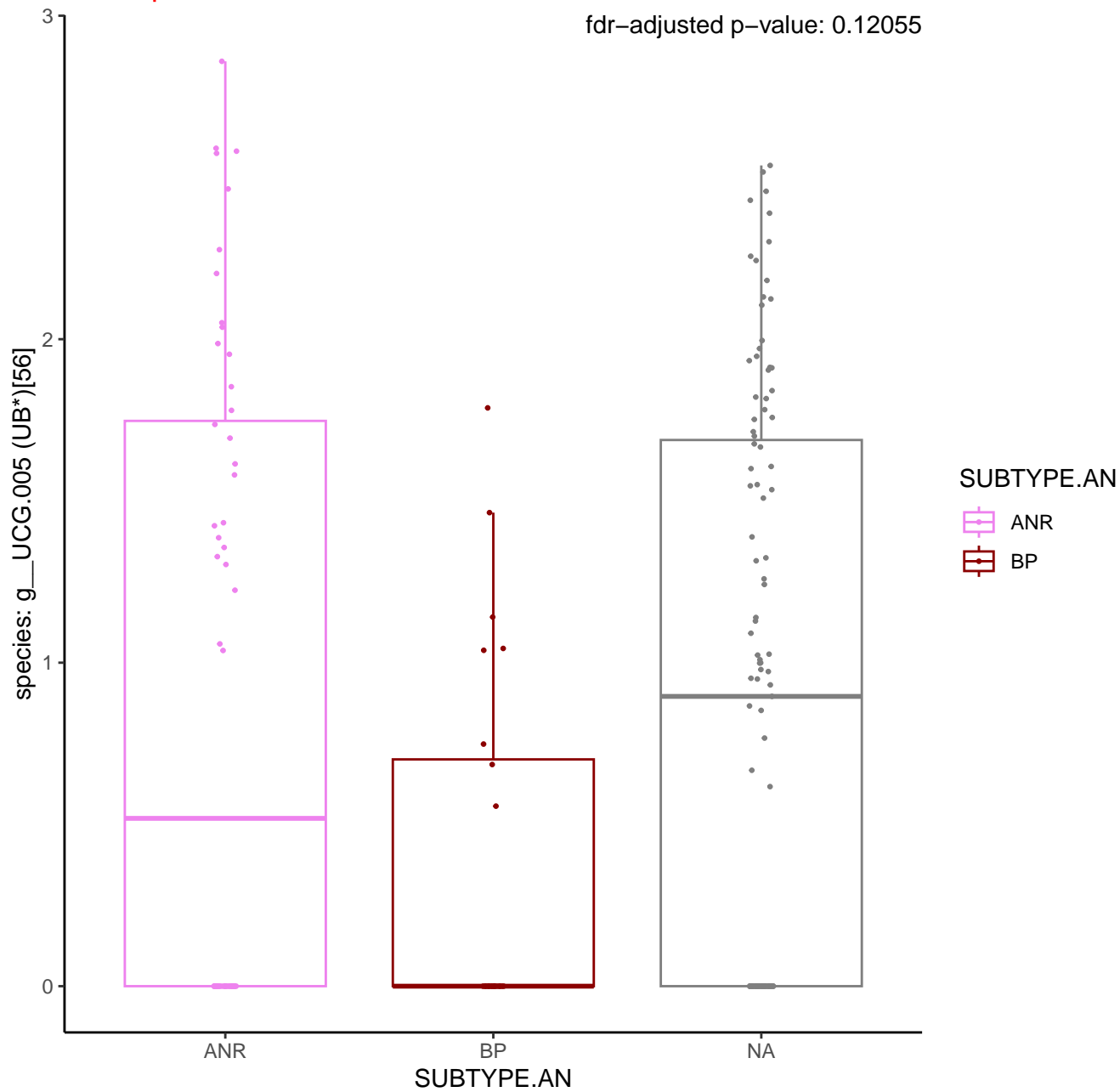
ANR

BP



anova p-value: 0.011879

fdr-adjusted p-value: 0.12055



anova p-value: 0.012131

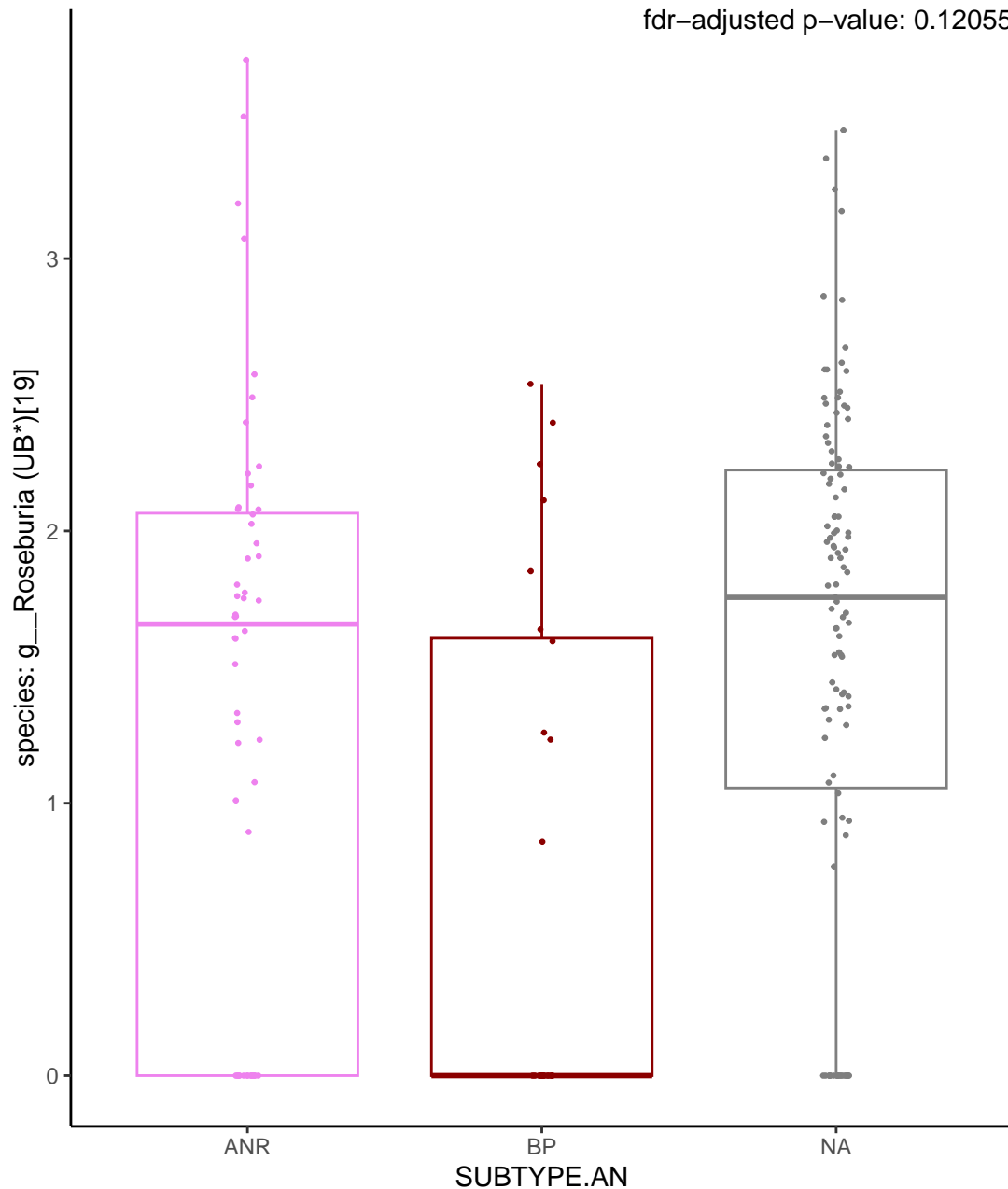
fdr-adjusted p-value: 0.12055

species: g__Roseburia (UB*)[19]

SUBTYPE.AN

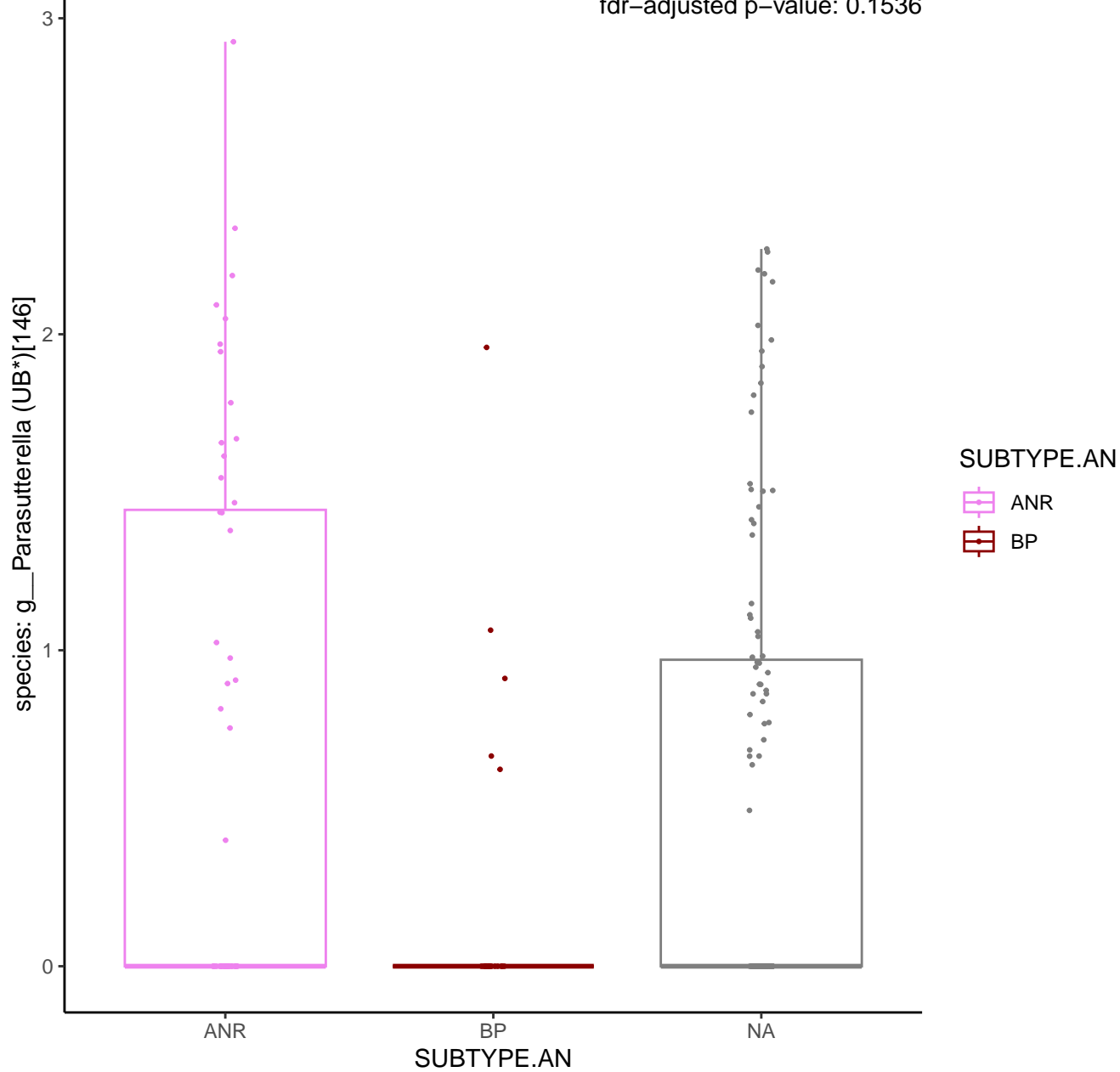
ANR

BP



anova p-value: 0.017369

fdr-adjusted p-value: 0.1536



anova p-value: 0.017824

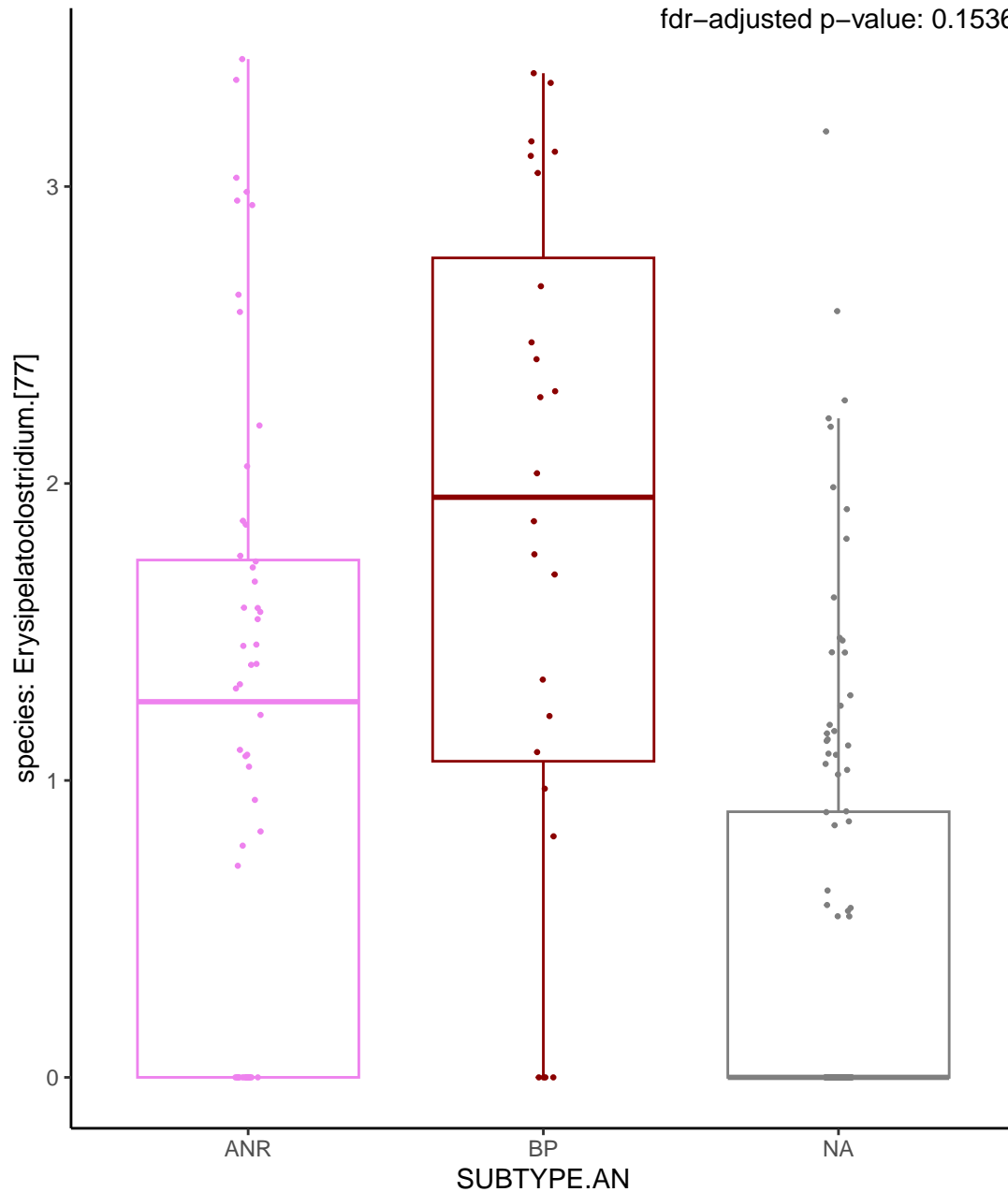
fdr-adjusted p-value: 0.1536

species: *Erysipelatoclostridium*. [77]

SUBTYPE.AN

ANR

BP



anova p-value: 0.018355

fdr-adjusted p-value: 0.1536

species: Adlercreutzia.[81]

SUBTYPE.AN

ANR

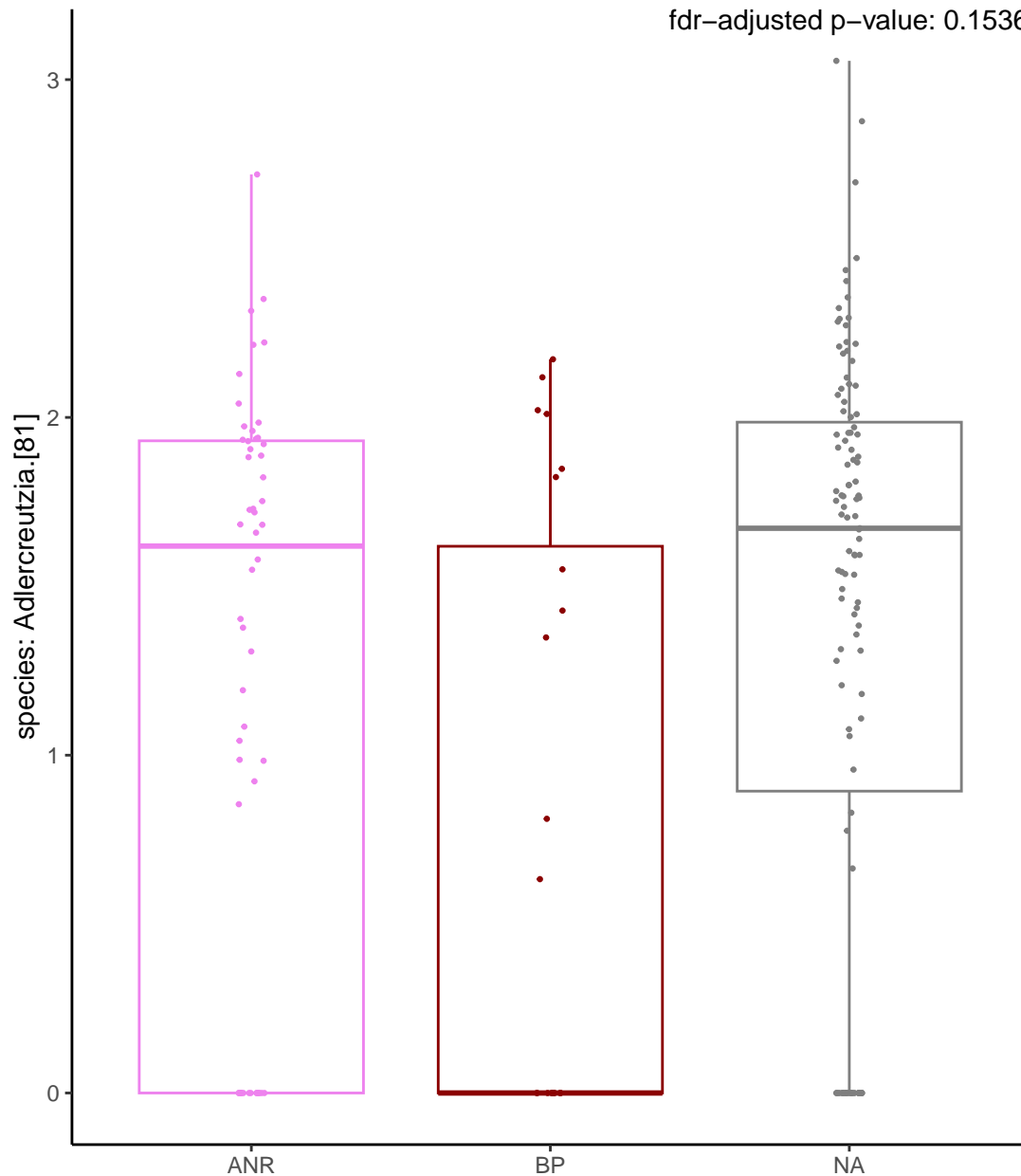
BP

ANR

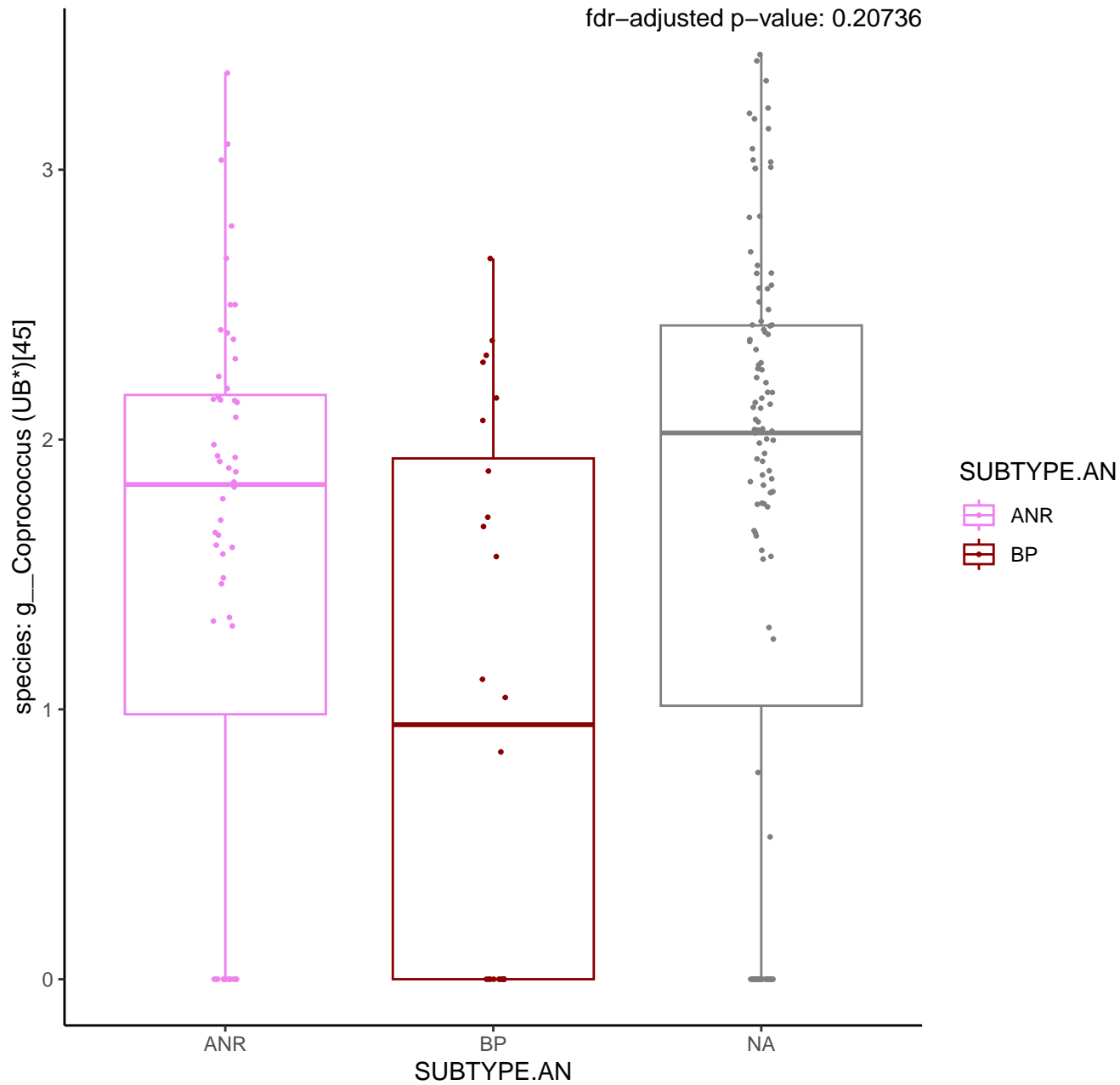
BP

NA

SUBTYPE.AN

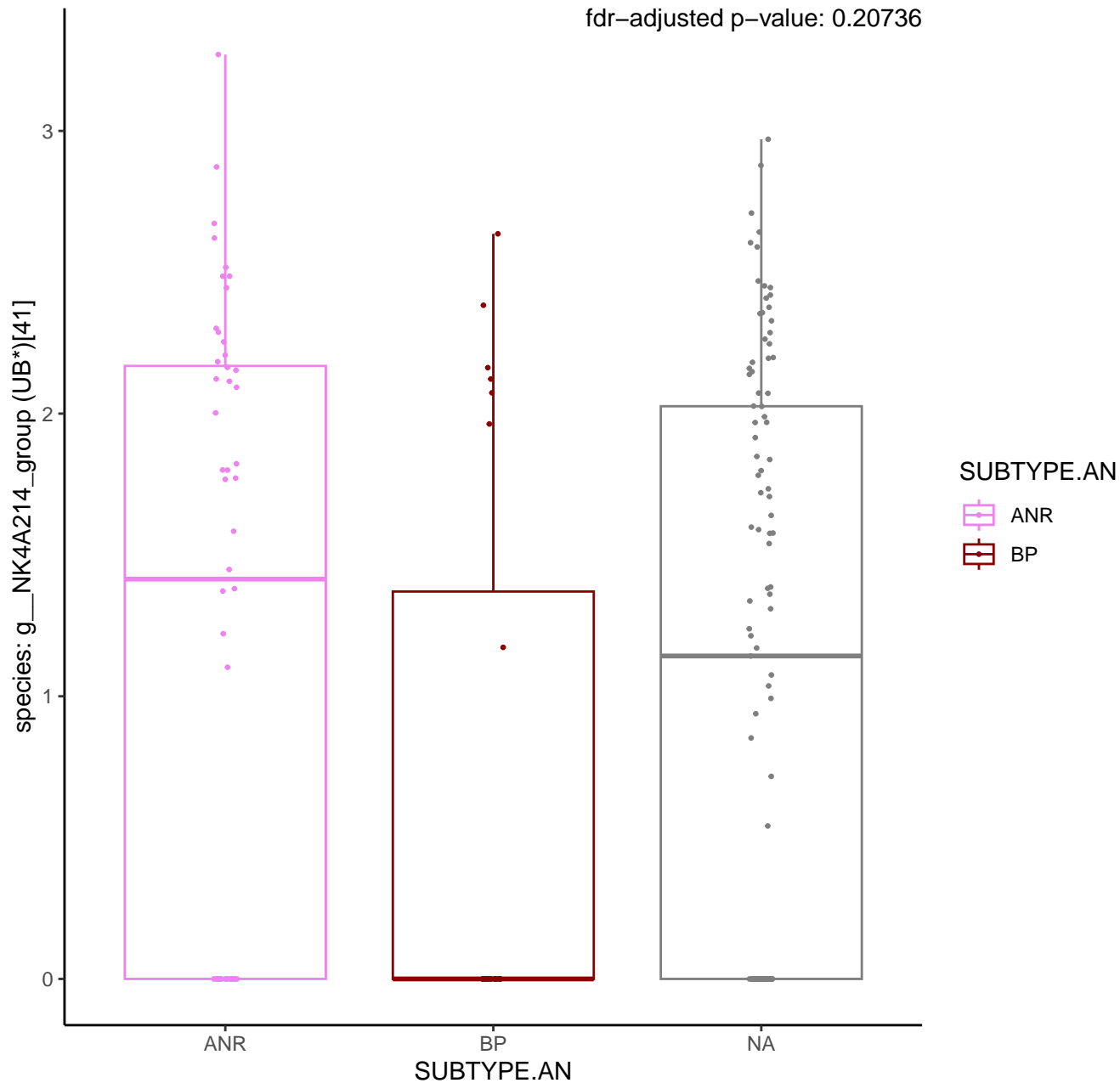


fdr-adjusted p-value: 0.20736



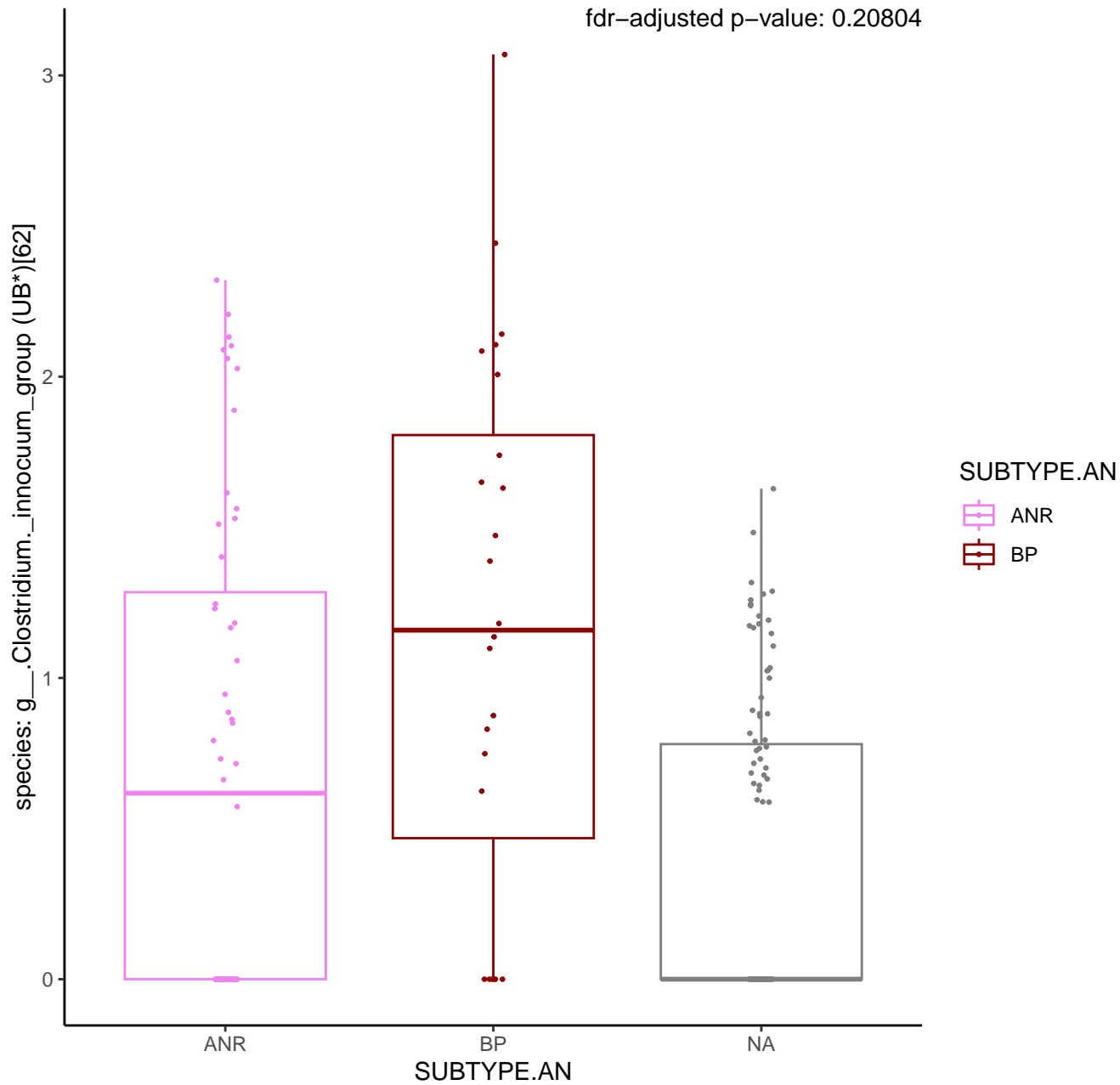
anova p-value: 0.027387

fdr-adjusted p-value: 0.20736



anova p-value: 0.028786

fdr-adjusted p-value: 0.20804



anova p-value: 0.032561

fdr-adjusted p-value: 0.21547

species: Clostridium_sensu_stricto_2.[66]

SUBTYPE.AN

ANR

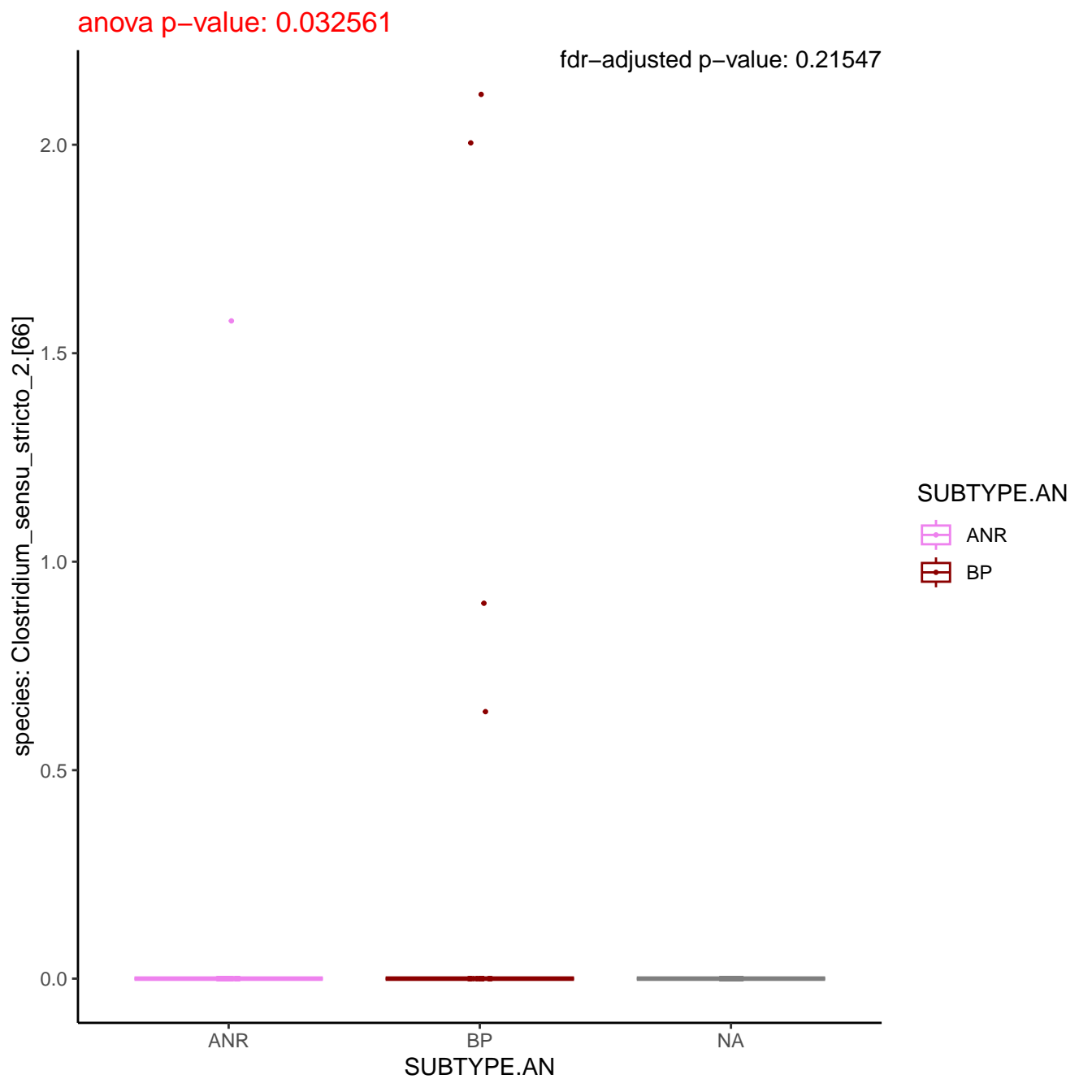
BP

ANR

BP

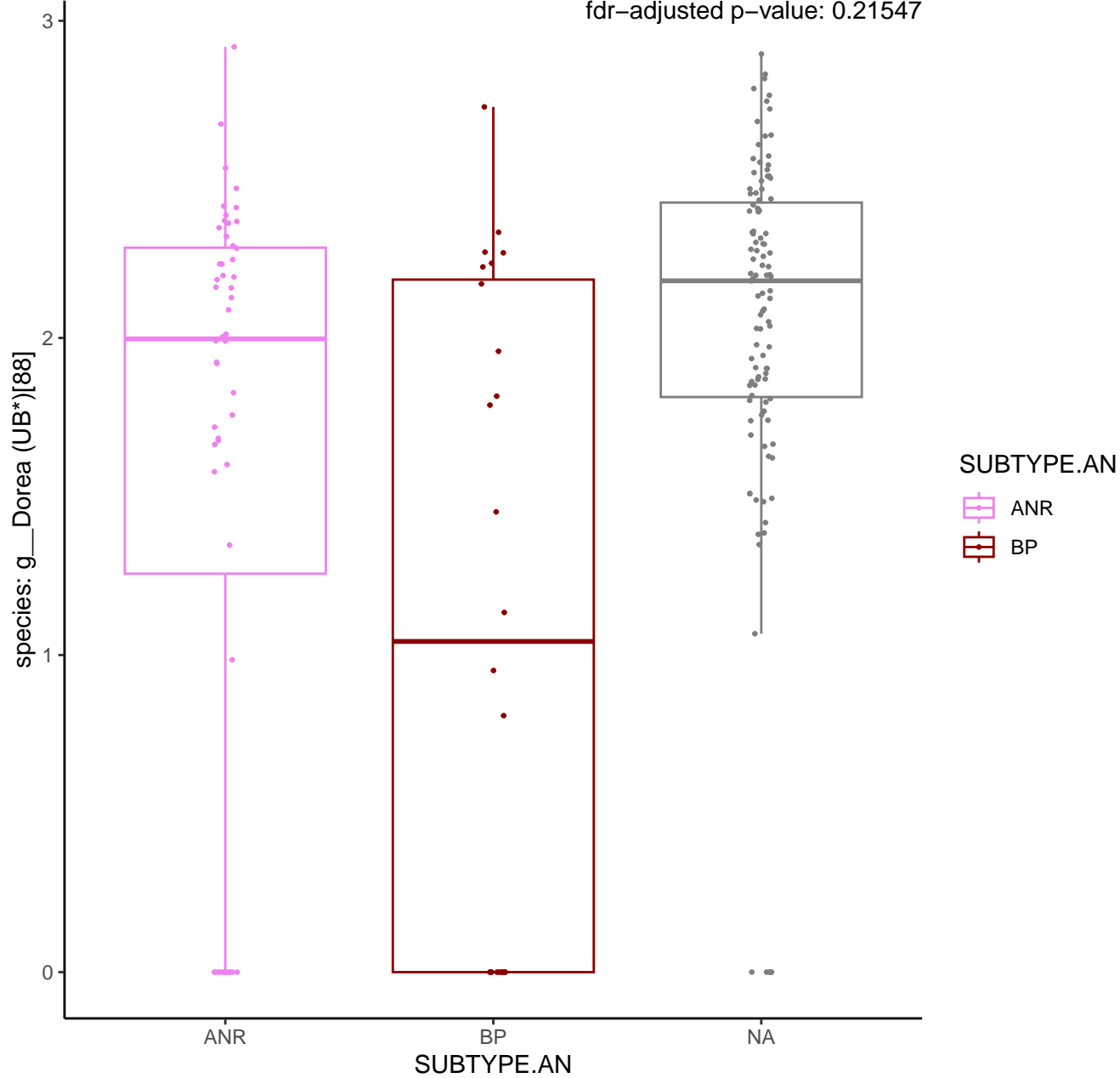
NA

SUBTYPE.AN



anova p-value: 0.034174

fdr-adjusted p-value: 0.21547



anova p-value: 0.035176

fdr-adjusted p-value: 0.21547

species: g__Lactobacillus (UB*)[91]

SUBTYPE.AN

ANR

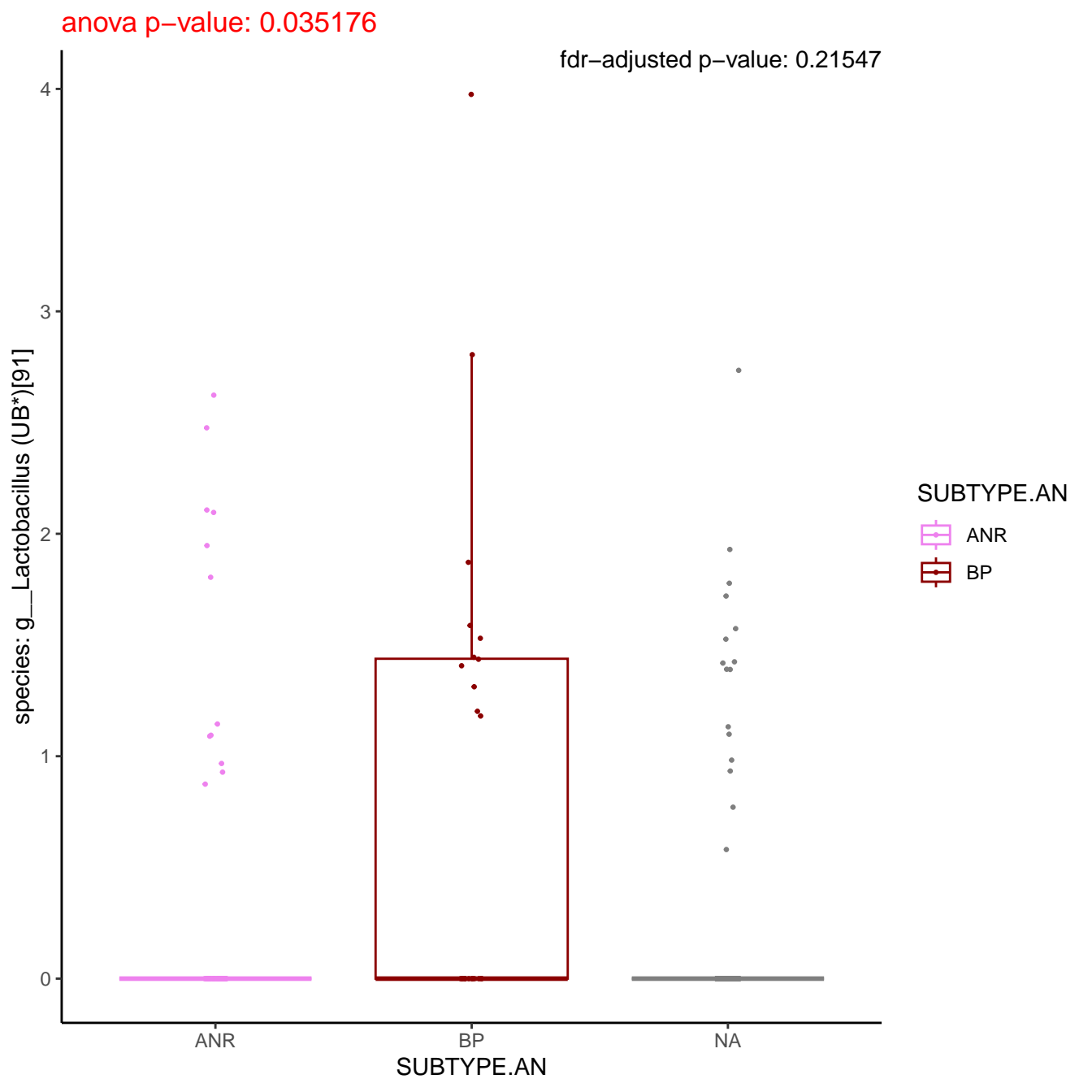
BP

ANR

BP

NA

SUBTYPE.AN



anova p-value: 0.035234

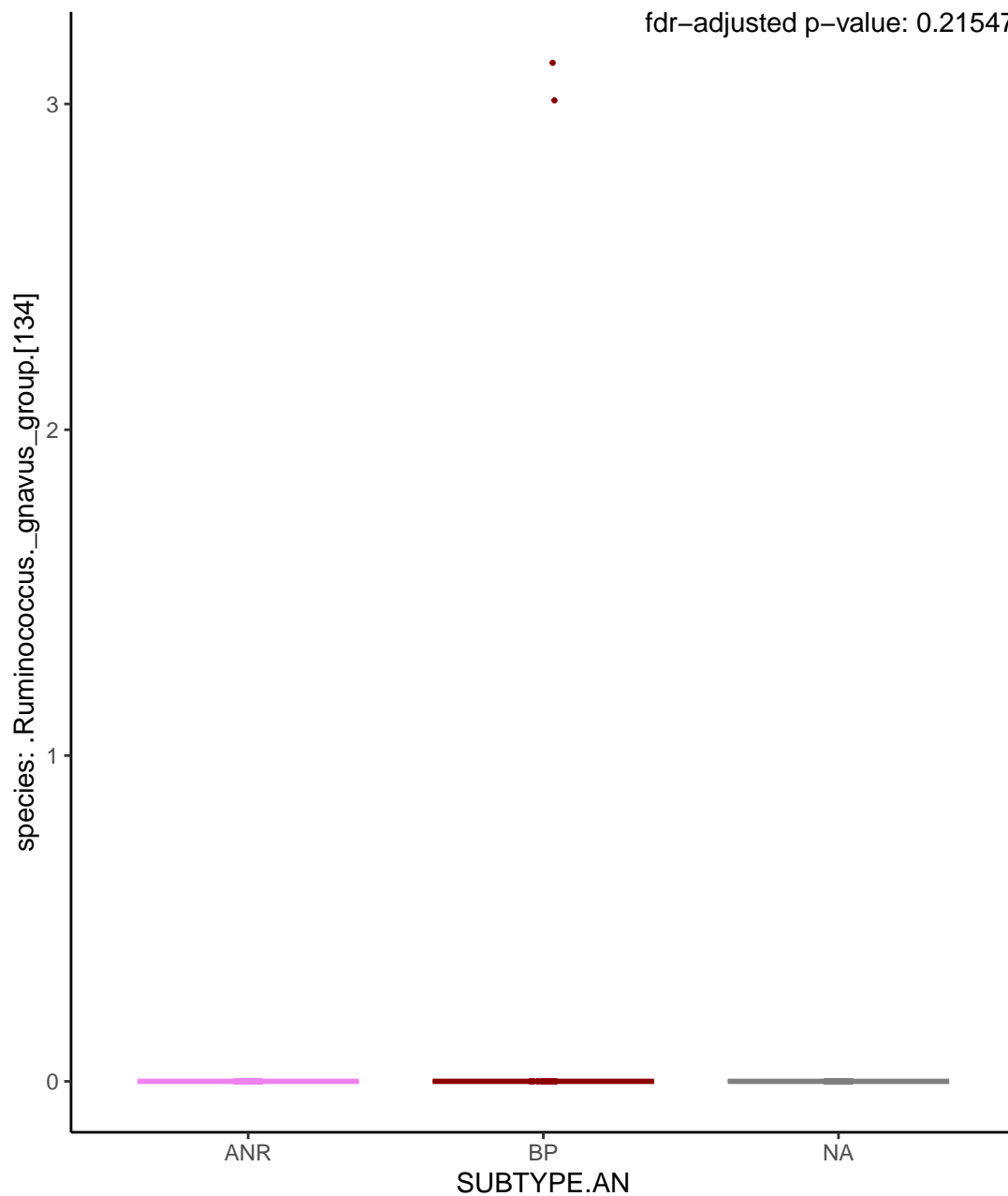
fdr-adjusted p-value: 0.21547

species: .Ruminococcus._gnavus_group.[134]

SUBTYPE.AN

ANR

BP



anova p-value: 0.037917

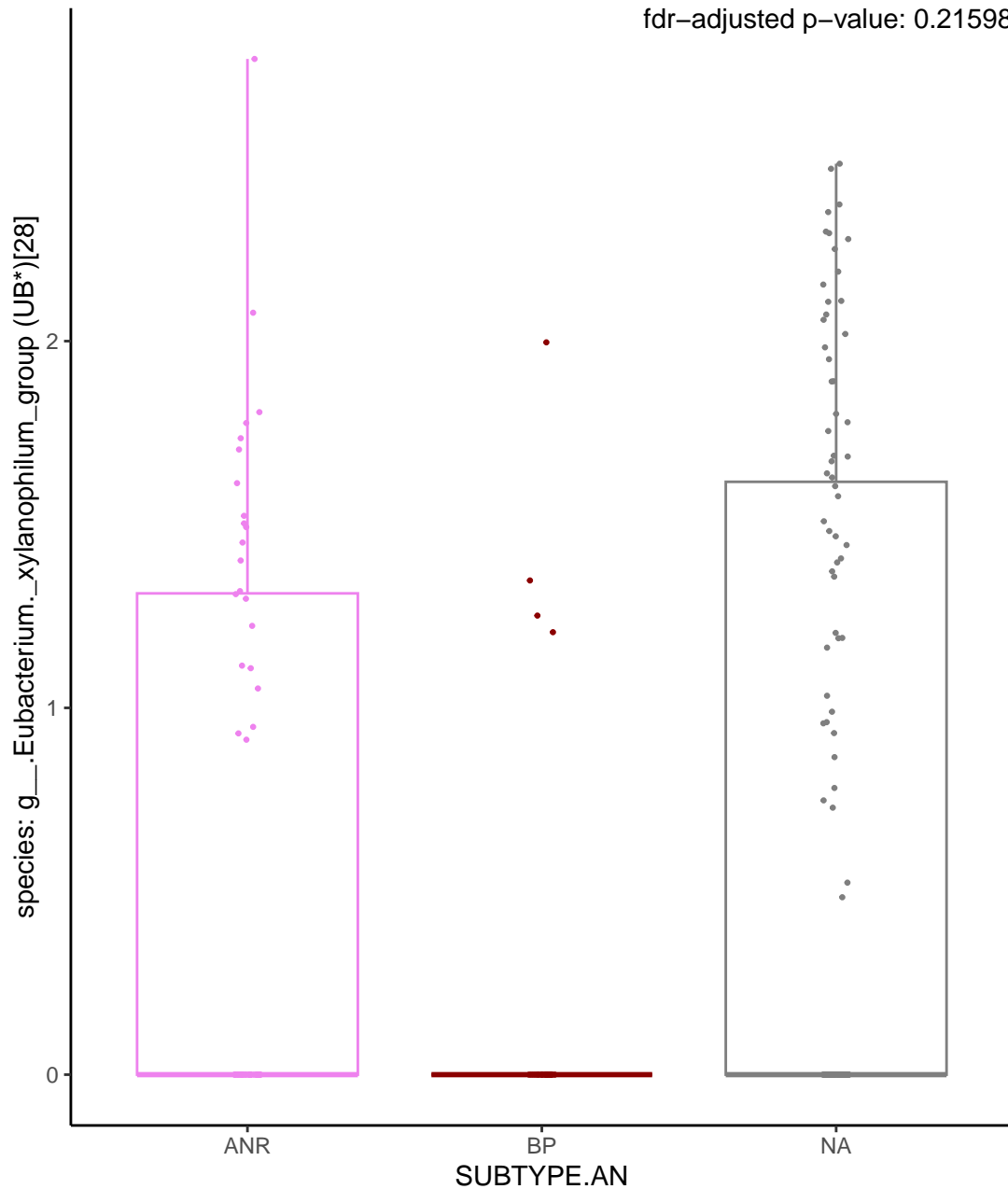
fdr-adjusted p-value: 0.21598

species: g__Eubacterium._xylanophilum_group (UB*)[28]

SUBTYPE.AN

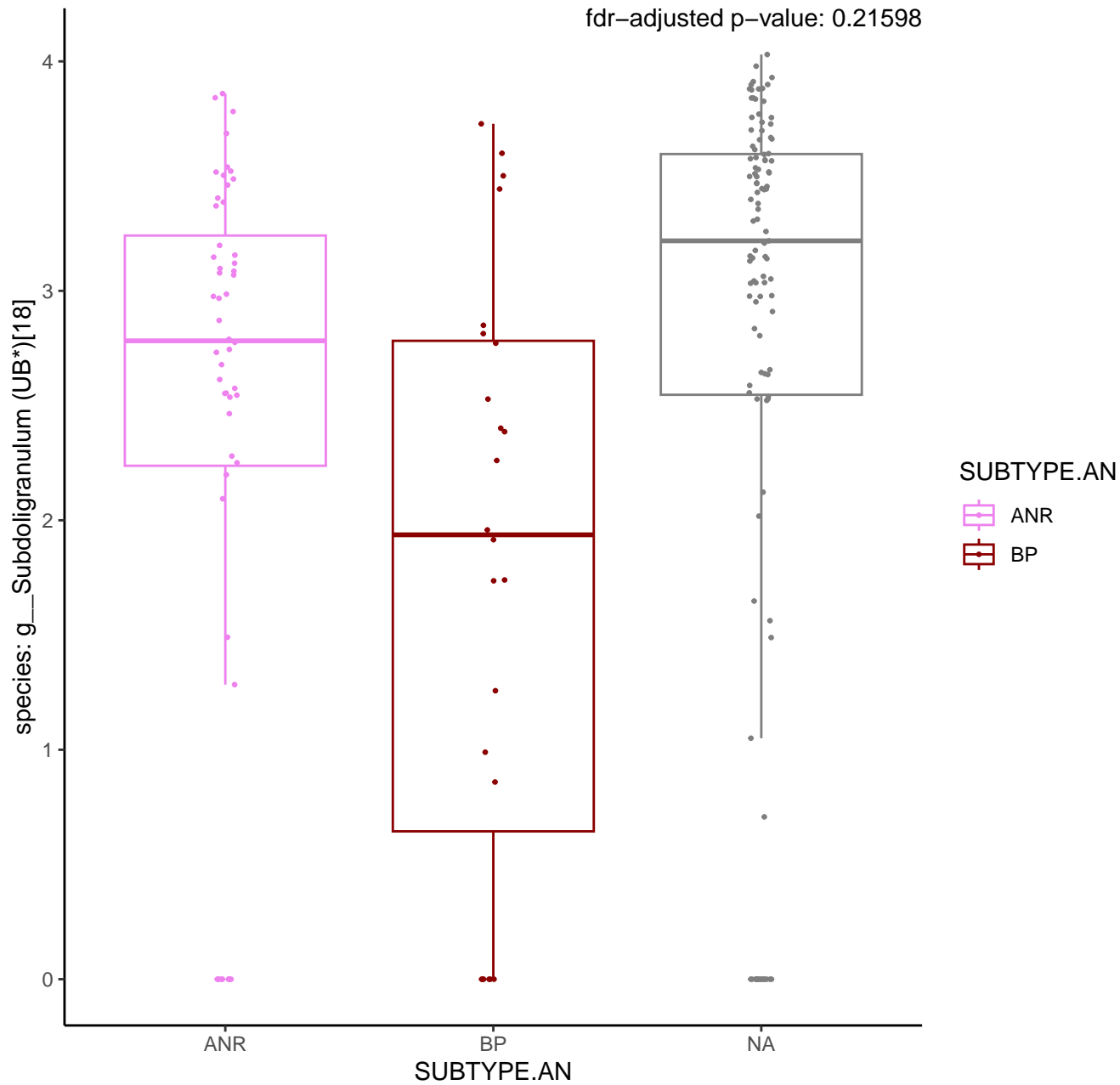
ANR

BP



anova p-value: 0.04003

fdr-adjusted p-value: 0.21598



anova p-value: 0.041993

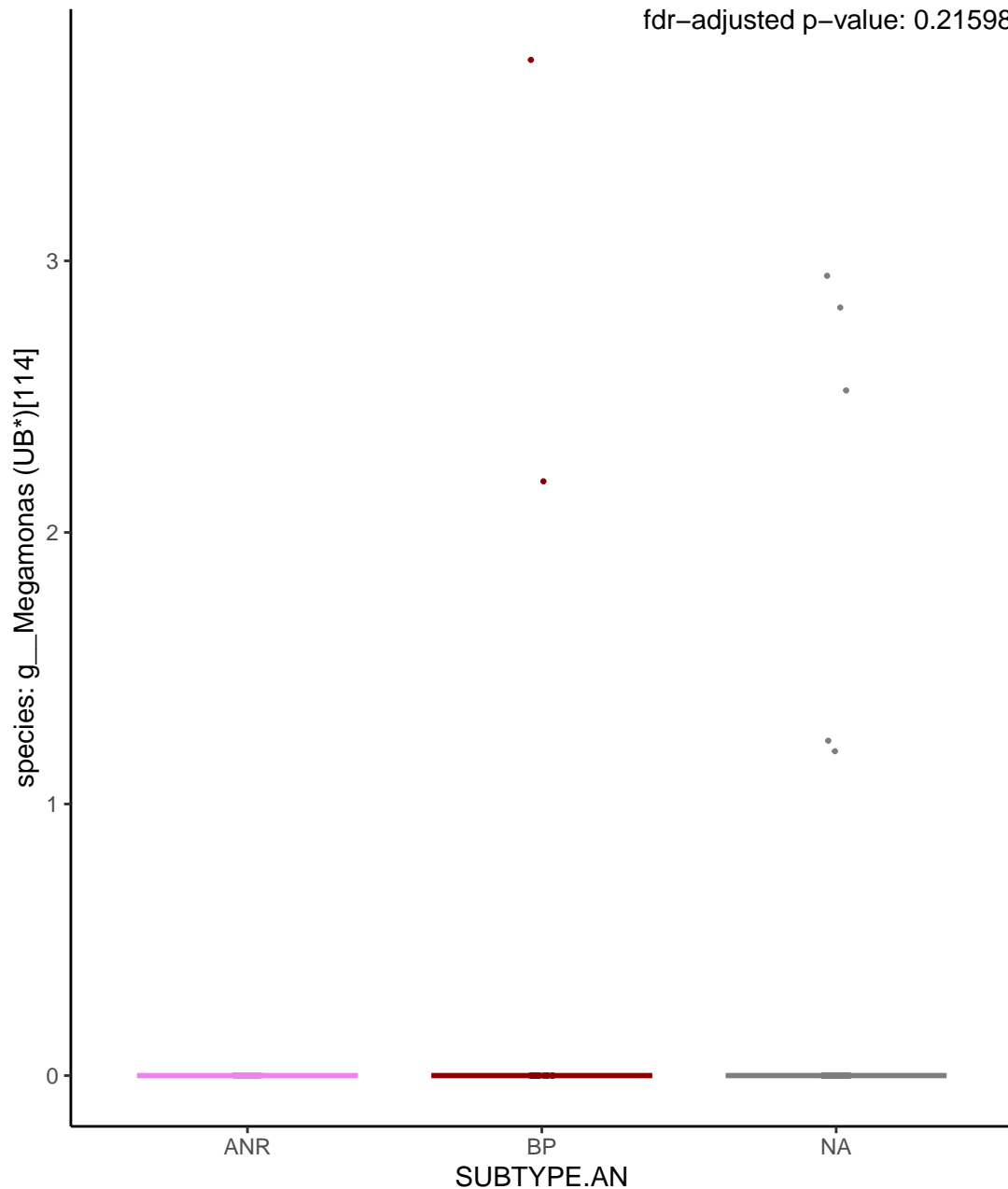
fdr-adjusted p-value: 0.21598

species: g__Megamonas (UB*)[114]

SUBTYPE.AN

ANR

BP



anova p-value: 0.0421

fdr-adjusted p-value: 0.21598

species: g__Prevotella (UB*)[52]

SUBTYPE.AN

ANR

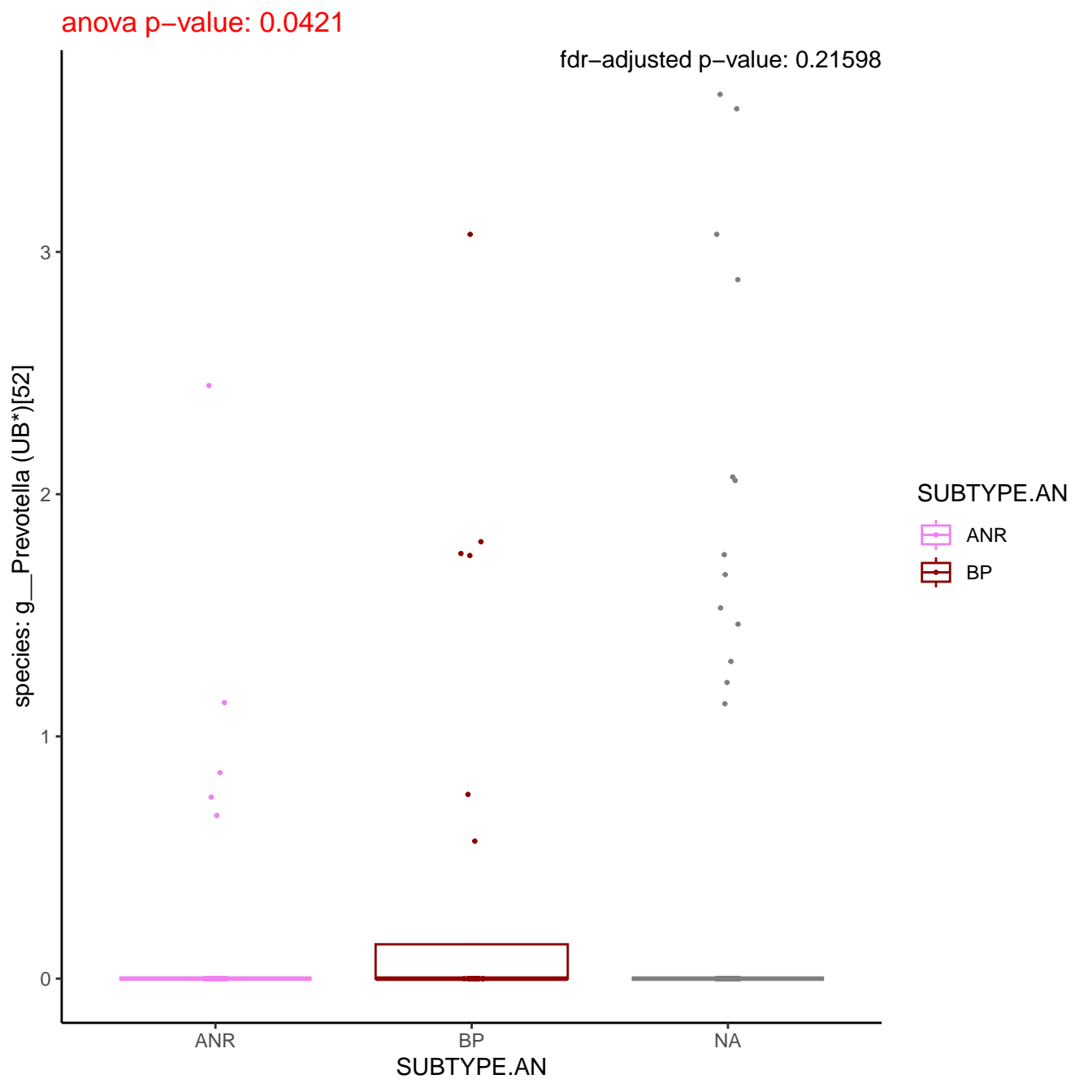
BP

ANR

BP

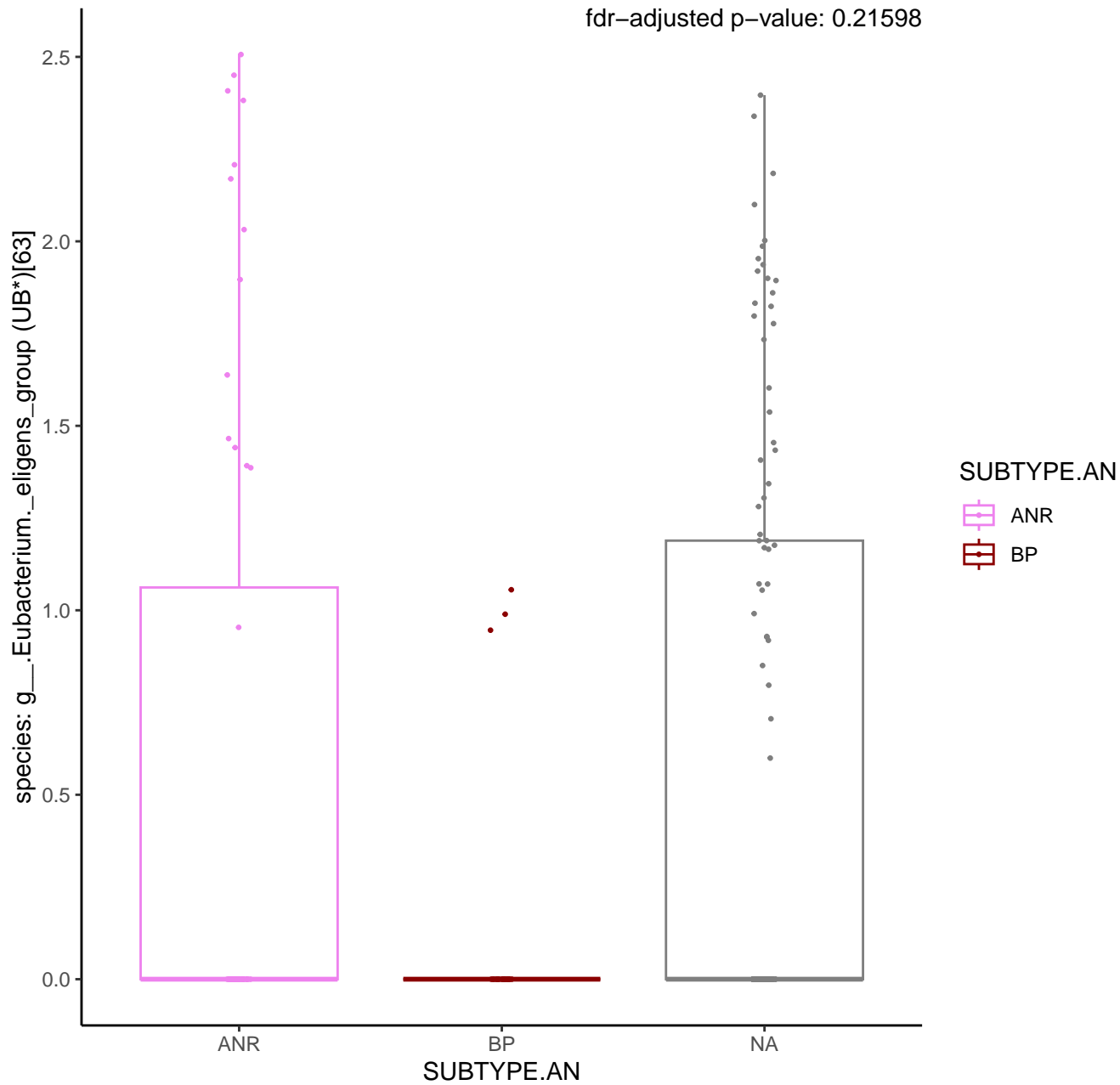
NA

SUBTYPE.AN



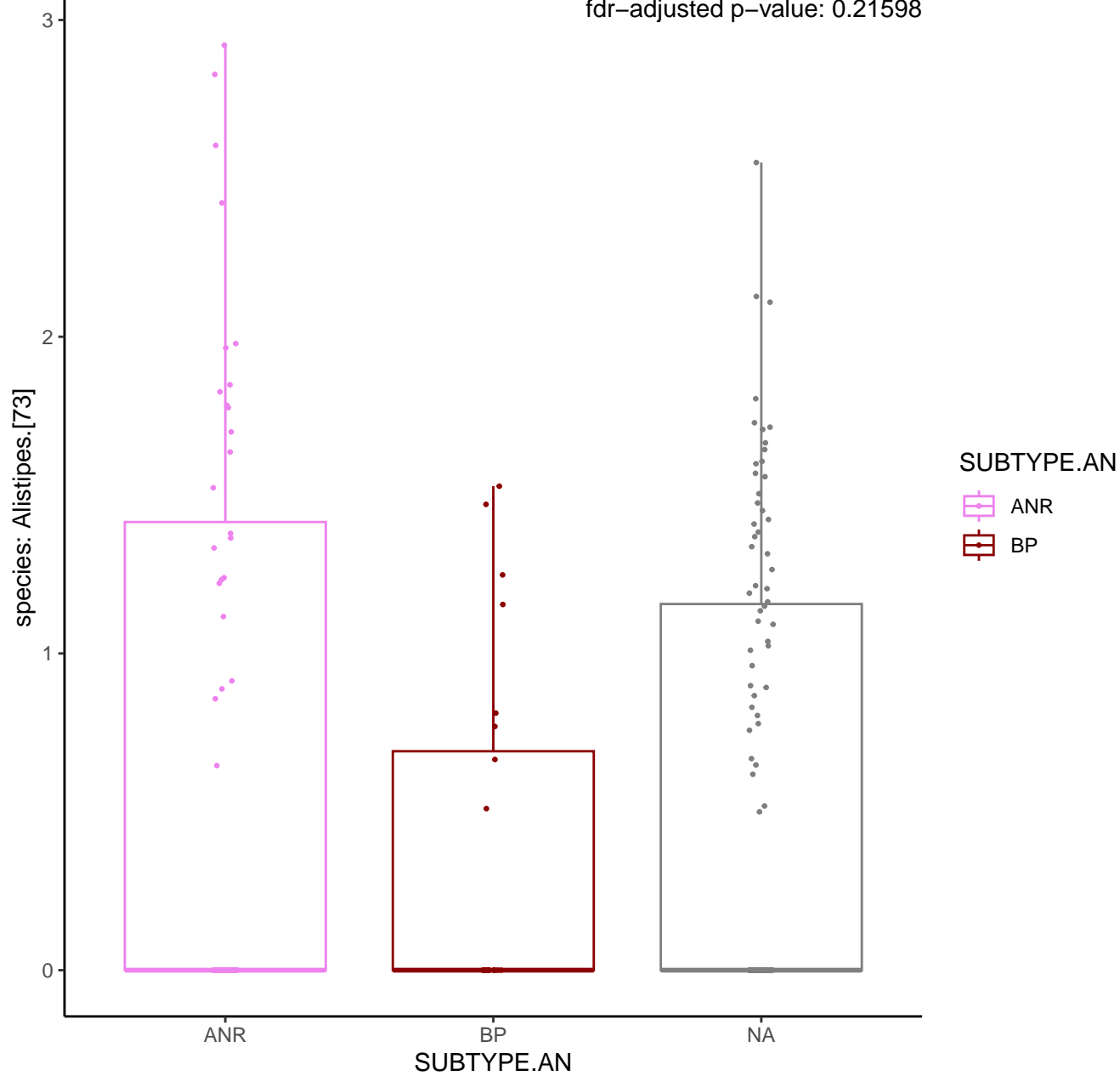
anova p-value: 0.043662

fdr-adjusted p-value: 0.21598



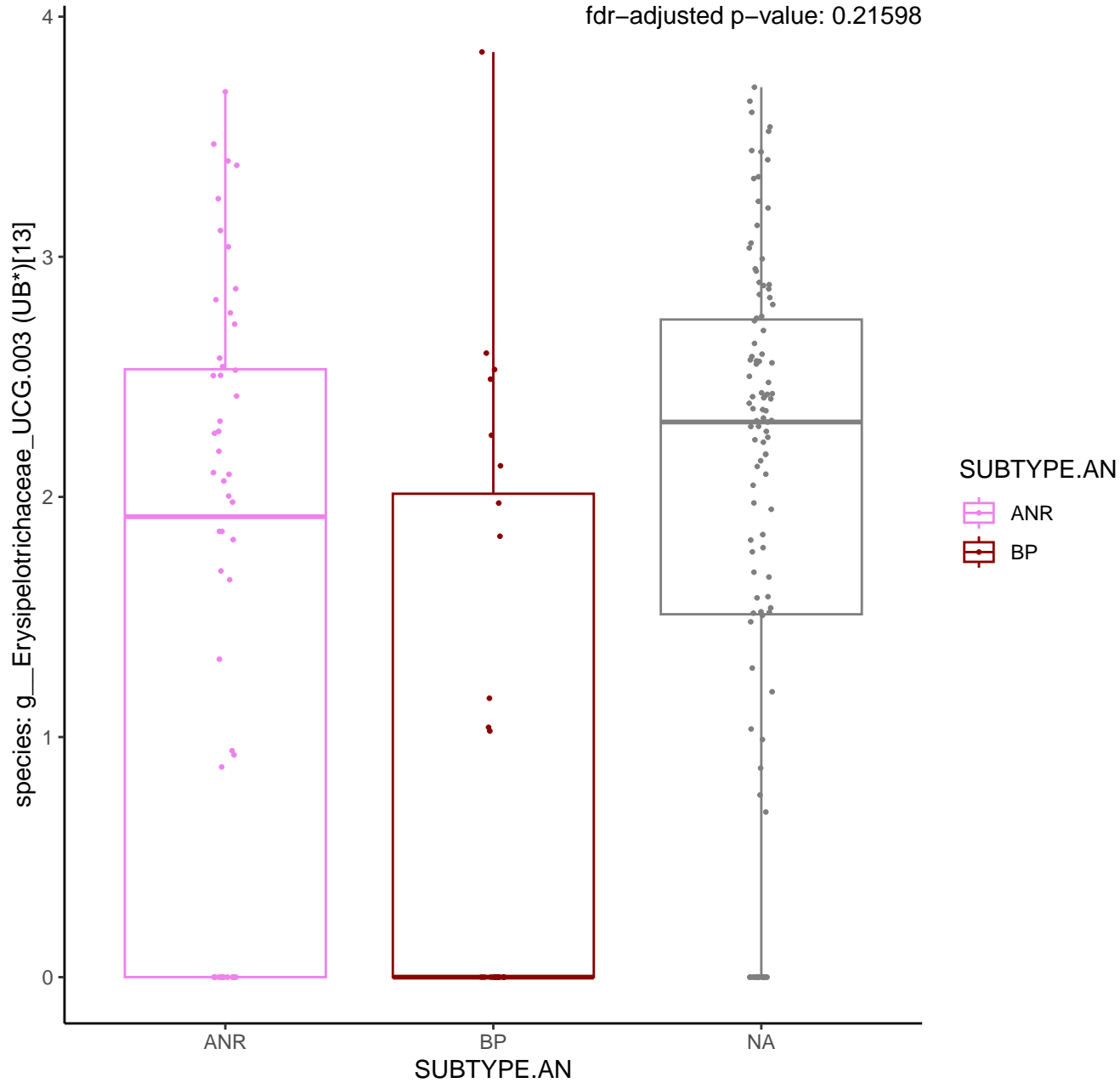
anova p-value: 0.04543

fdr-adjusted p-value: 0.21598



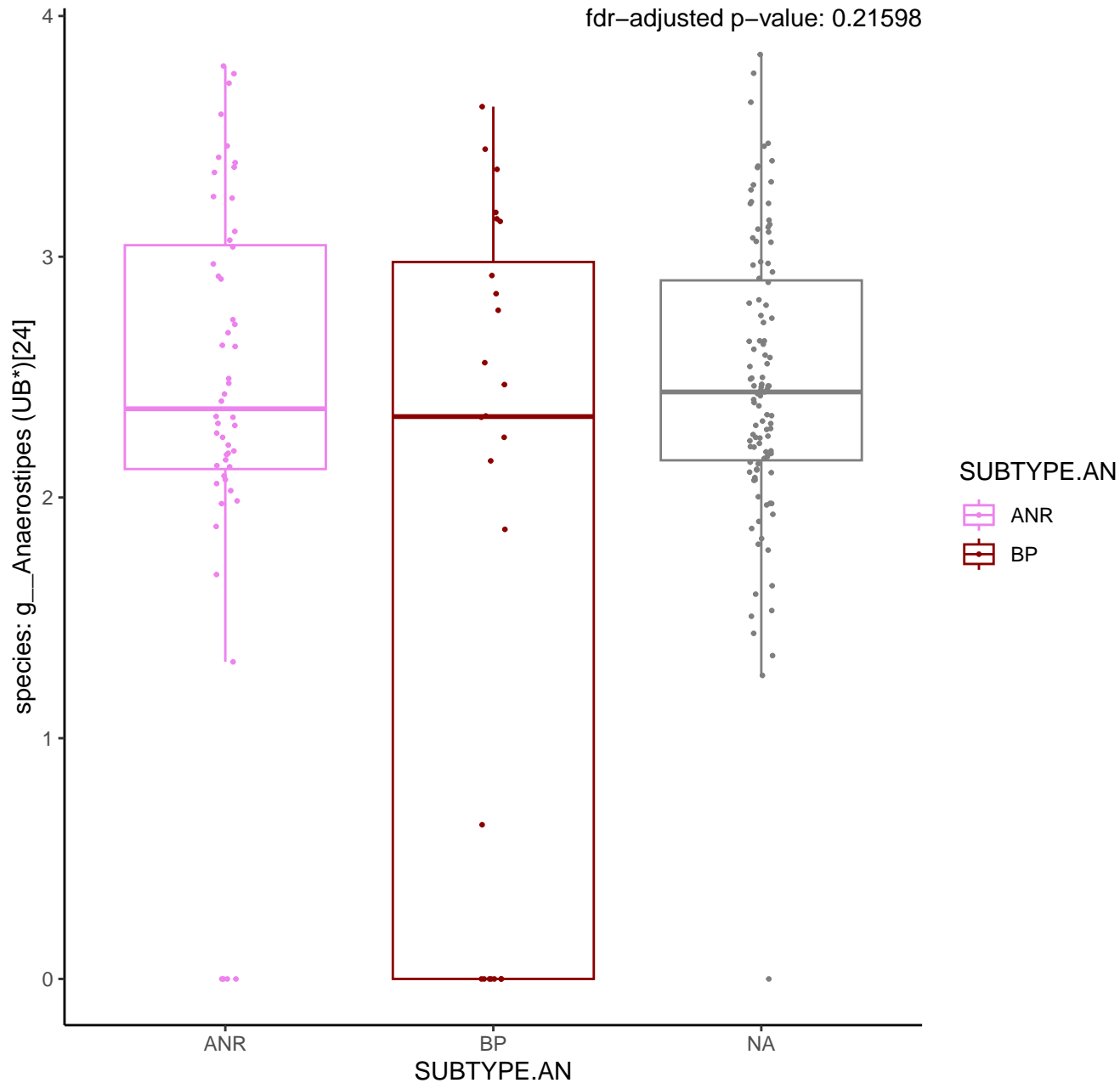
anova p-value: 0.045545

fdr-adjusted p-value: 0.21598



anova p-value: 0.046184

fdr-adjusted p-value: 0.21598



anova p-value: 0.049374

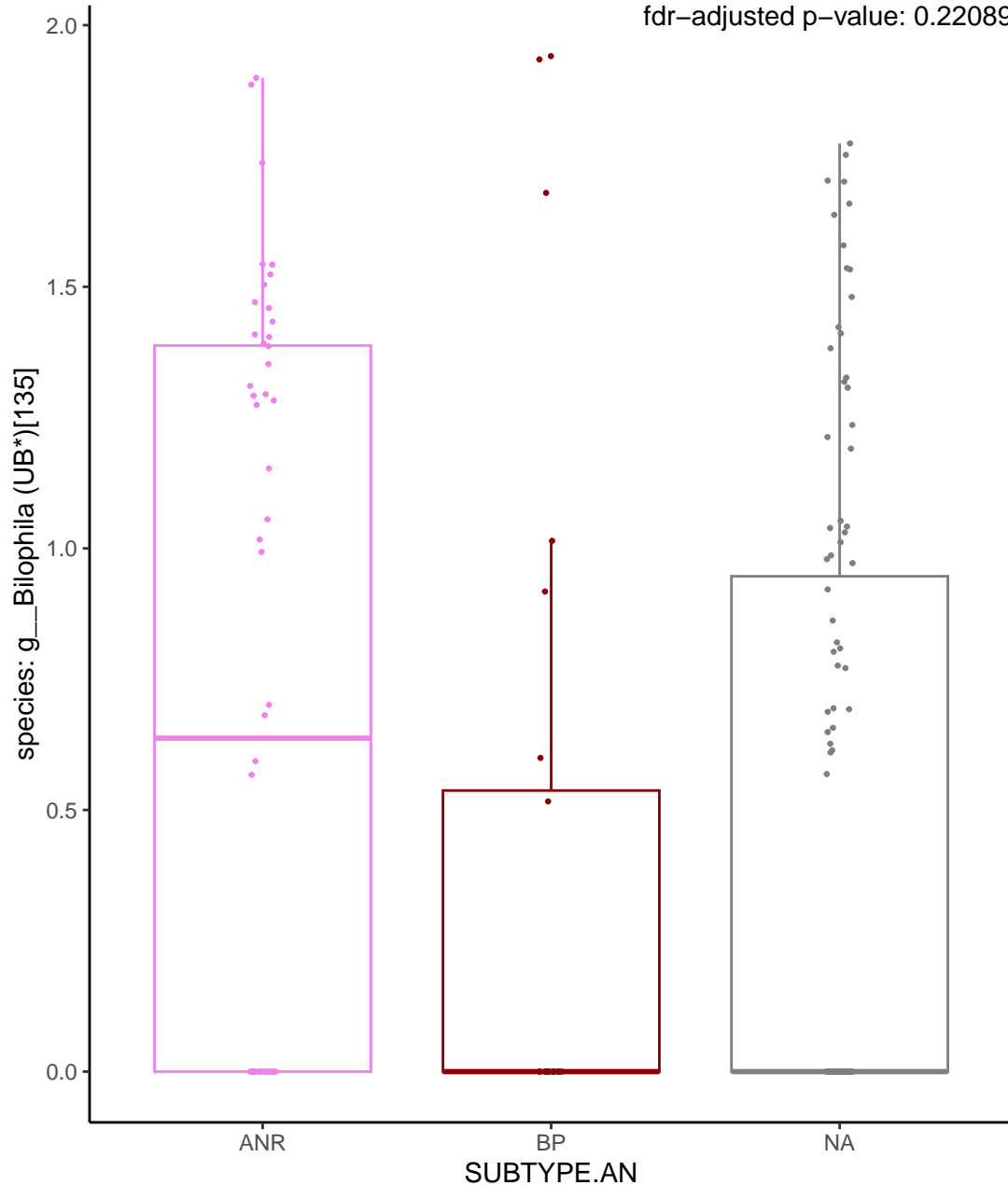
fdr-adjusted p-value: 0.22089

species: g__Bilophila (UB*)[135]

SUBTYPE.AN

ANR

BP



anova p-value: 0.050966

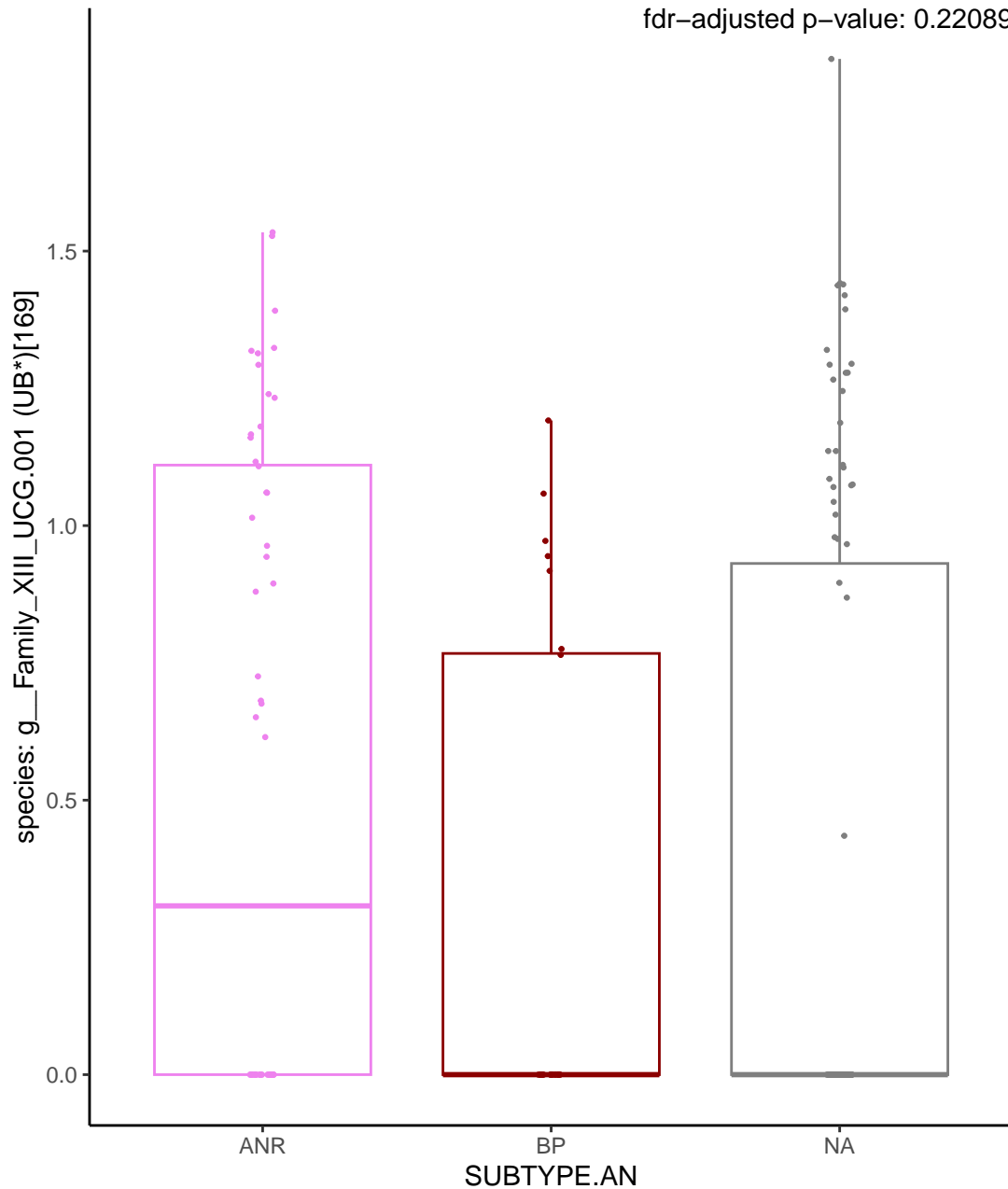
fdr-adjusted p-value: 0.22089

species: g__Family_XIII_UCG.001 (UB*)[169]

SUBTYPE.AN

ANR

BP



anova p-value: 0.051721

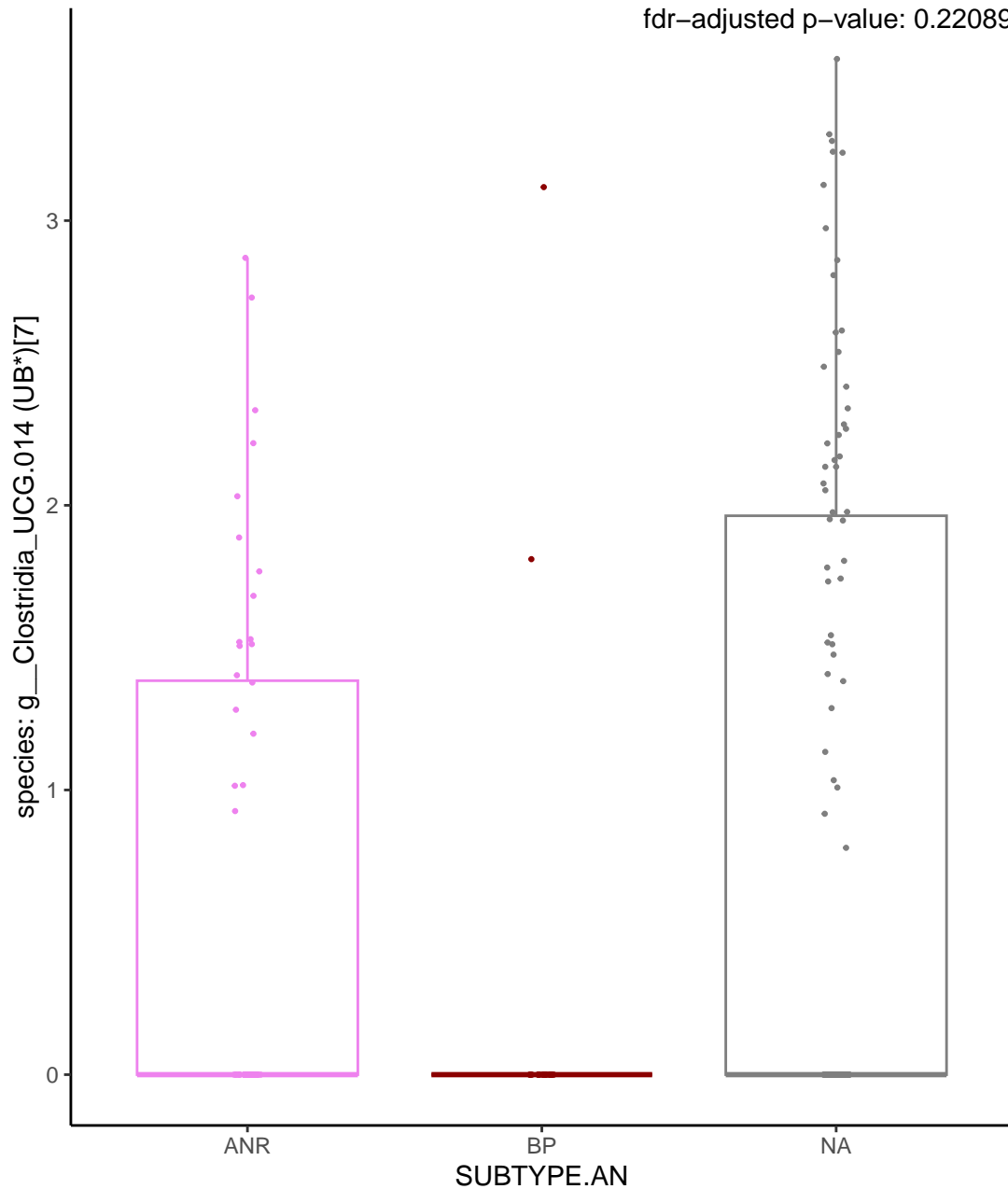
fdr-adjusted p-value: 0.22089

species: g__Clostridia_UCG.014 (UB*)[7]

SUBTYPE.AN

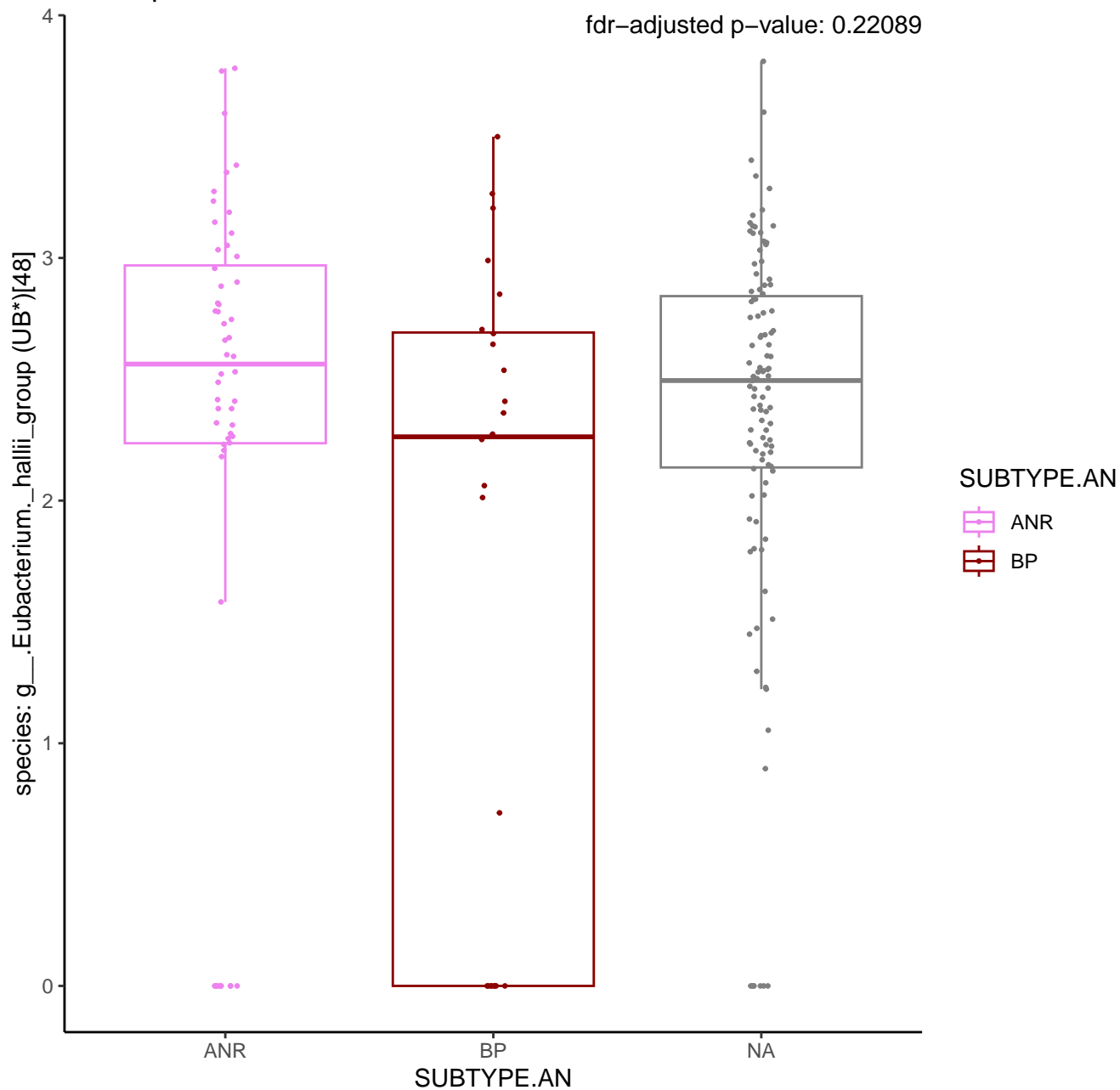
ANR

BP



anova p-value: 0.052791

fdr-adjusted p-value: 0.22089



anova p-value: 0.057965

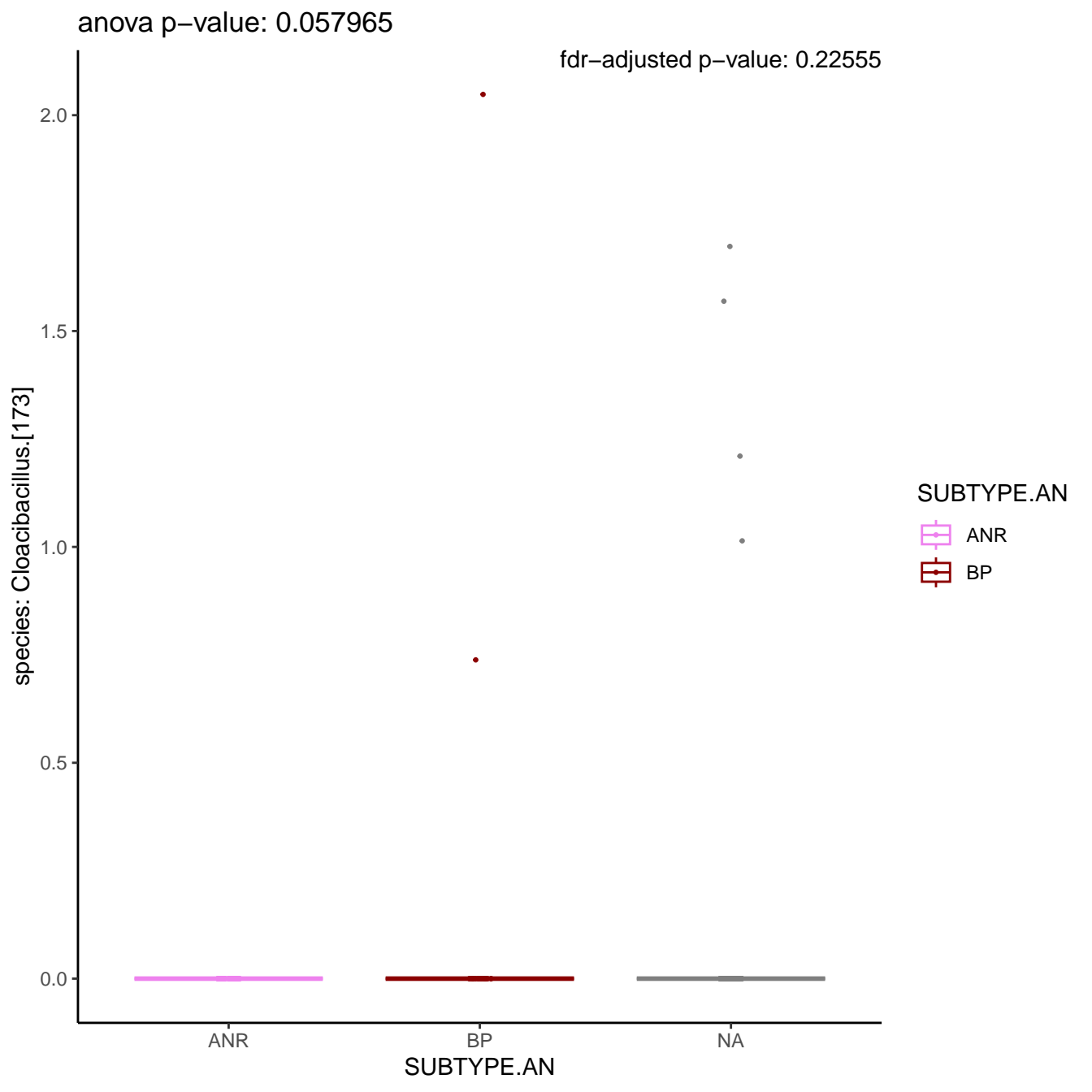
fdr-adjusted p-value: 0.22555

species: Cloacibacillus.[173]

SUBTYPE.AN

ANR

BP



anova p-value: 0.058618

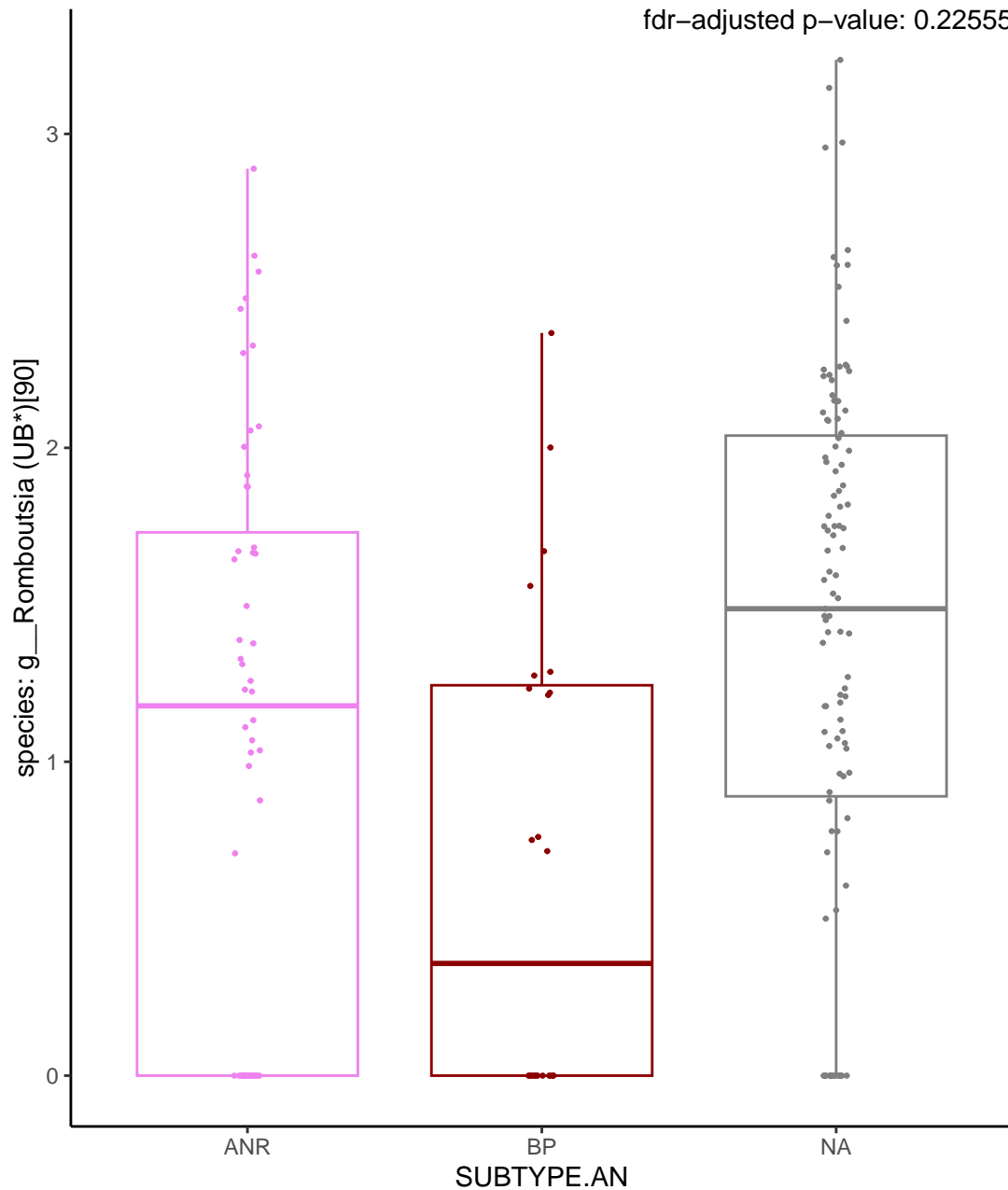
fdr-adjusted p-value: 0.22555

species: g__Romboutsia (UB*)[90]

SUBTYPE.AN

ANR

BP



anova p-value: 0.058938

fdr-adjusted p-value: 0.22555

species: g__uncultured (UB*)[100]

ANR

BP

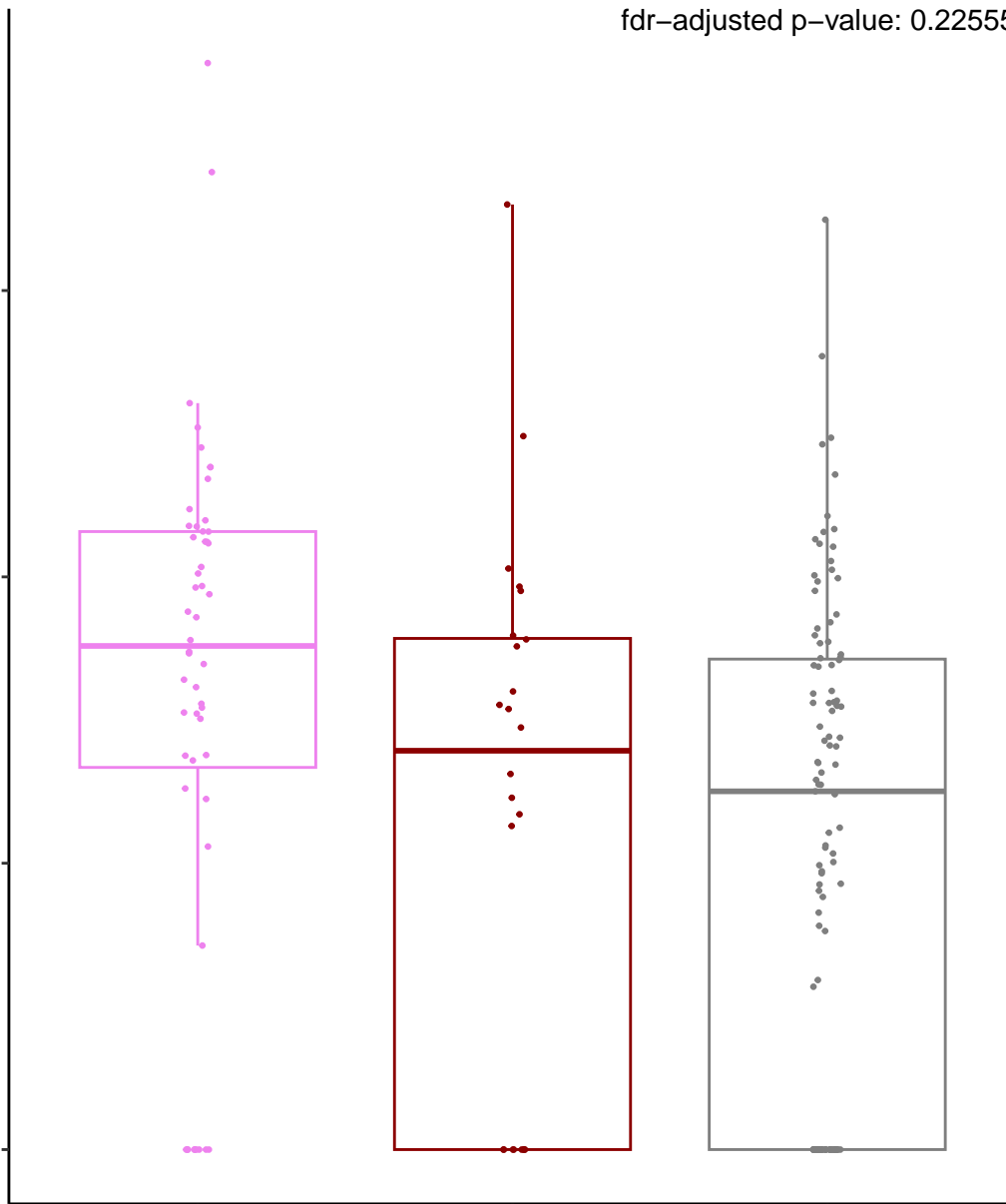
NA

SUBTYPE.AN

SUBTYPE.AN

ANR

BP



anova p-value: 0.059579

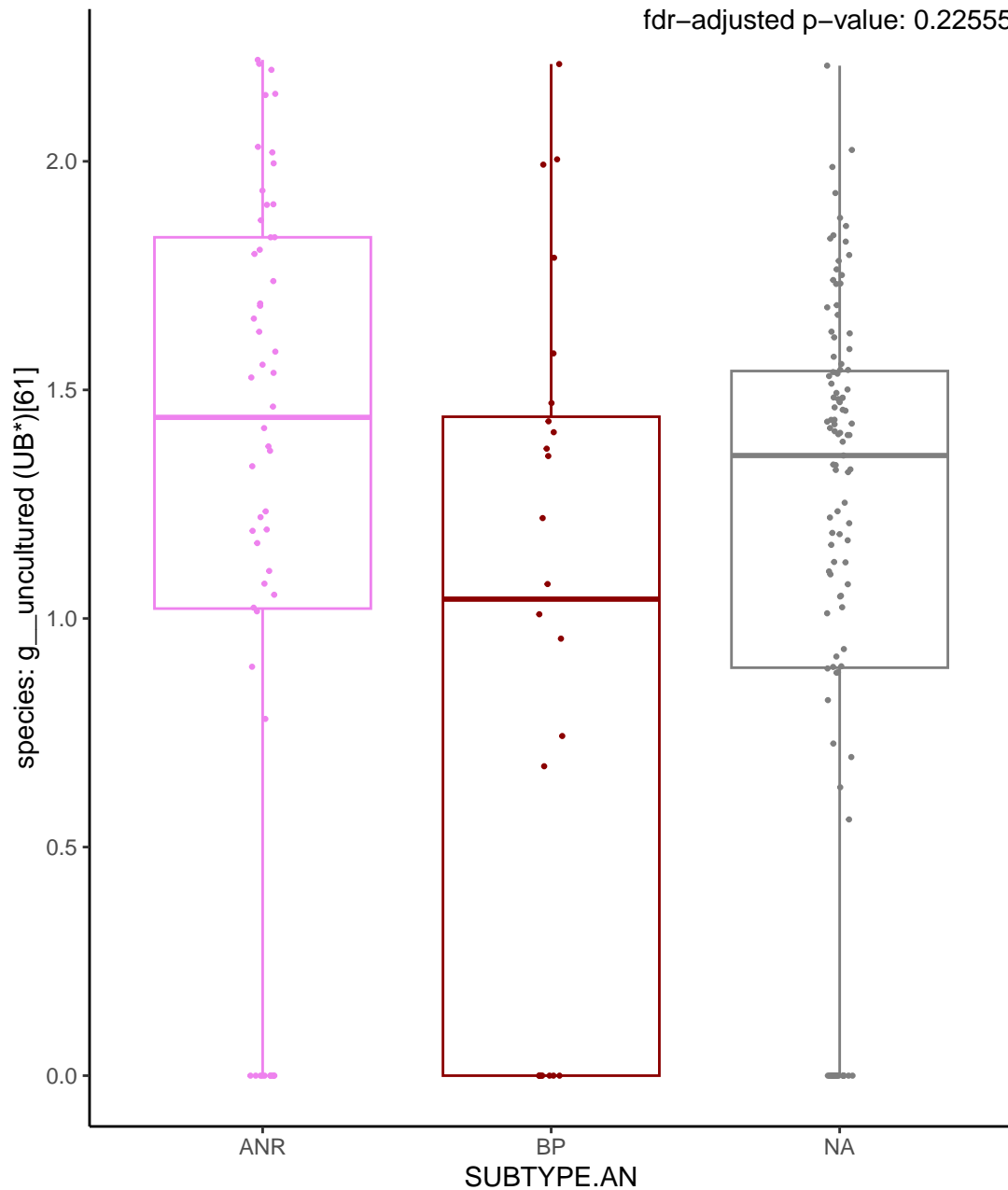
fdr-adjusted p-value: 0.22555

species: g_uncultured (UB*) [61]

SUBTYPE.AN

ANR

BP



anova p-value: 0.061285

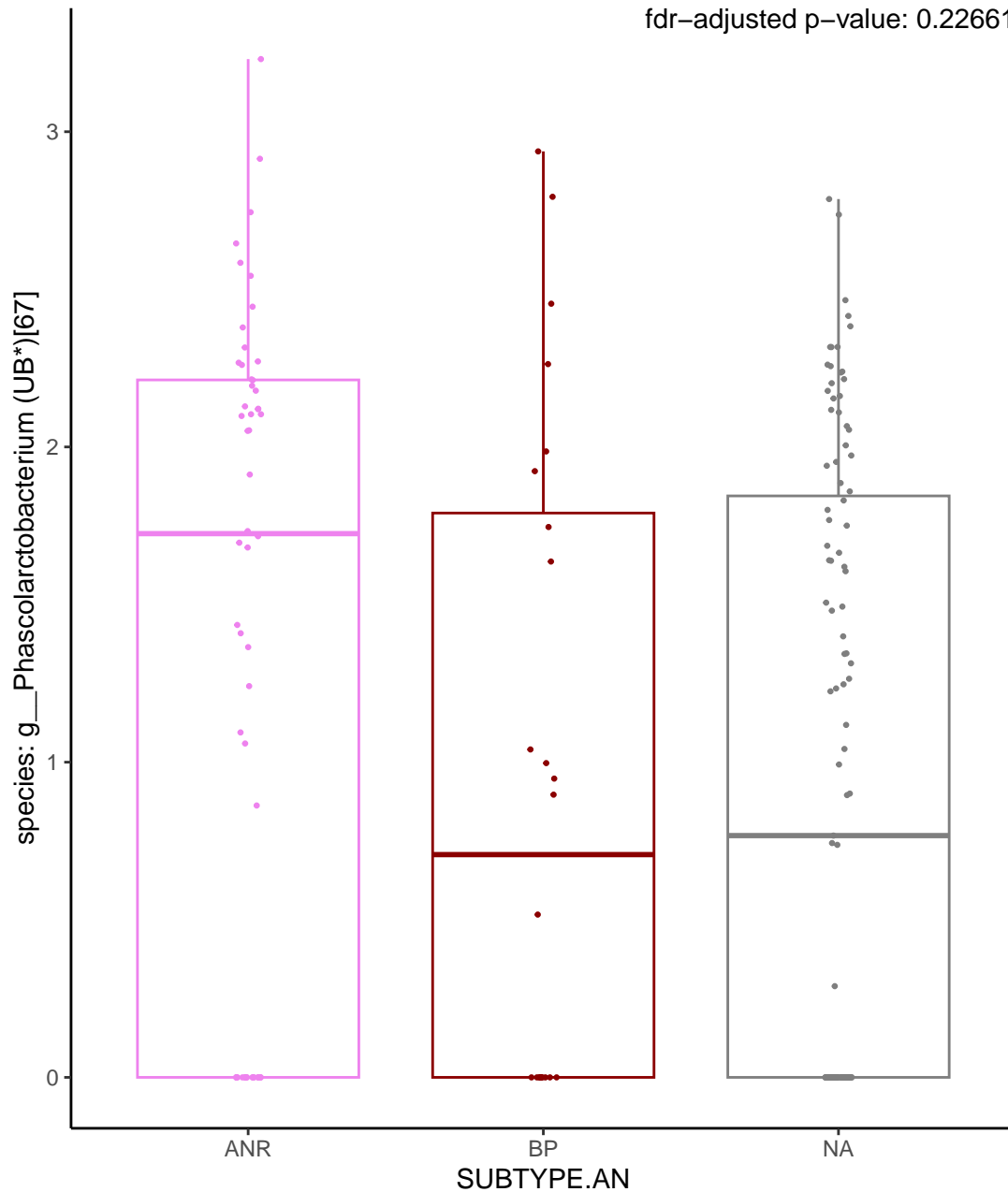
fdr-adjusted p-value: 0.22661

species: g__Phascolarctobacterium (UB*)[67]

SUBTYPE.AN

ANR

BP



anova p-value: 0.065031

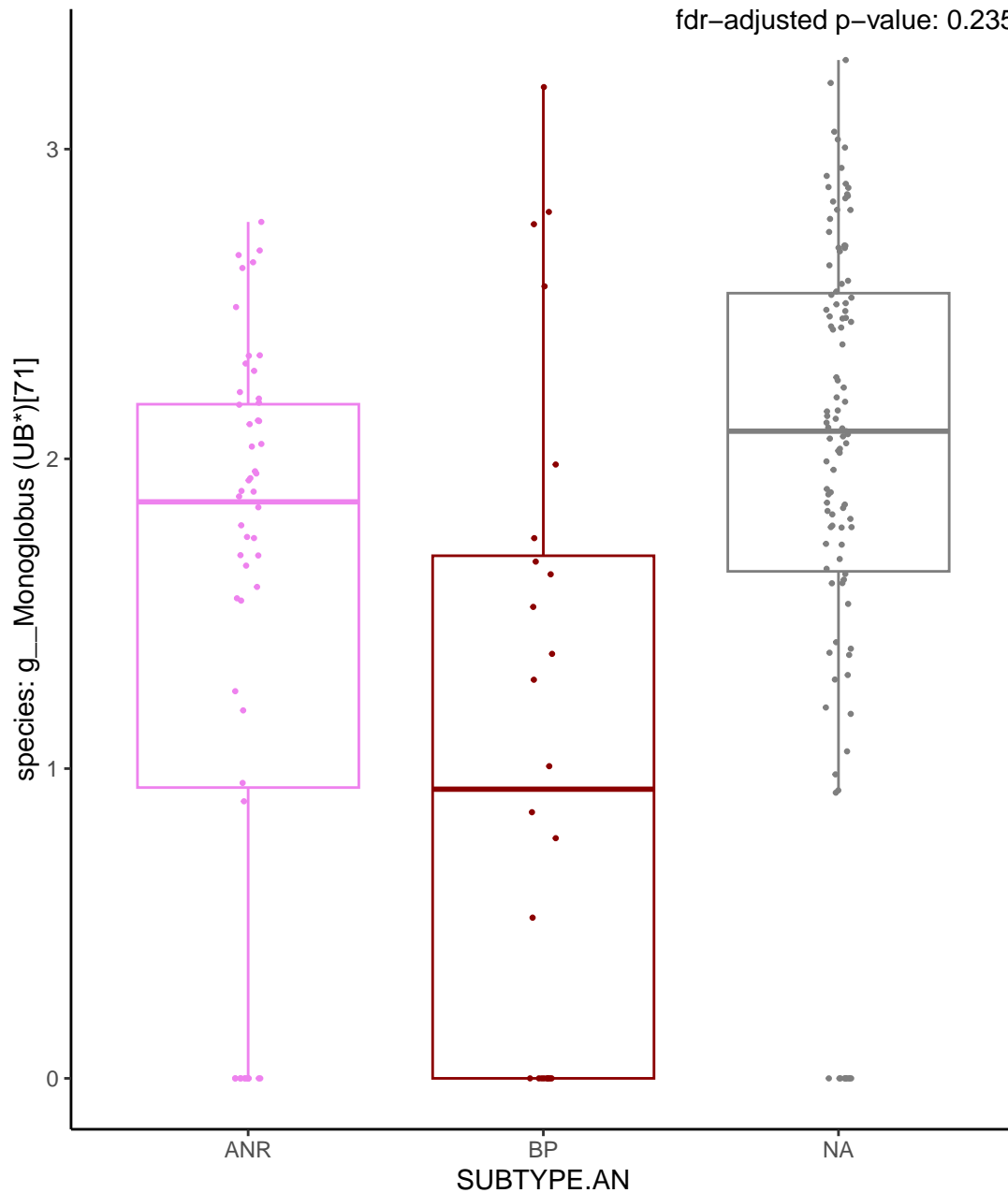
fdr-adjusted p-value: 0.235

species: g__Monoglobus (UB*)[71]

SUBTYPE.AN

ANR

BP



anova p-value: 0.075138

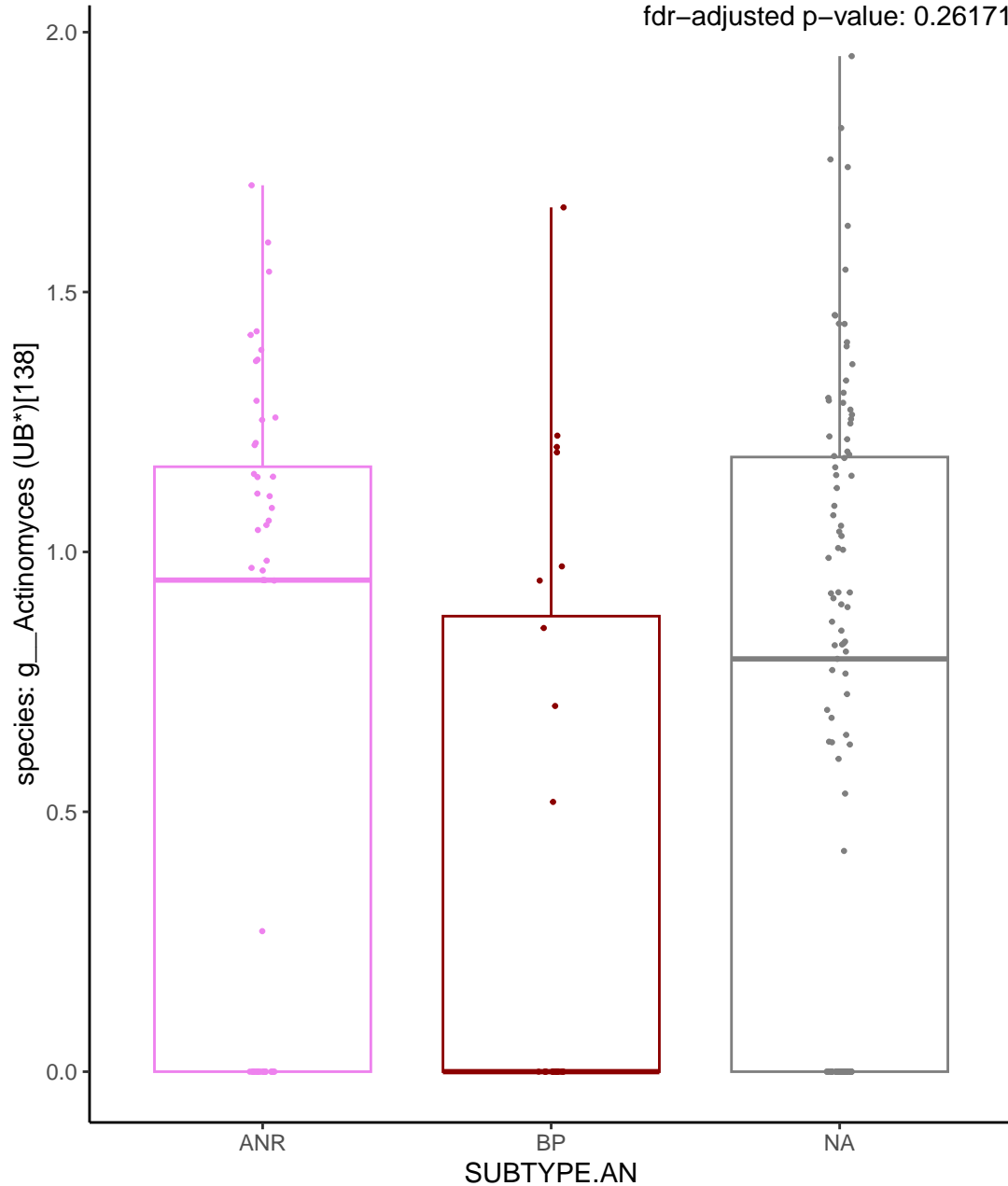
fdr-adjusted p-value: 0.26171

species: g__Actinomyces (UB*)[138]

SUBTYPE.AN

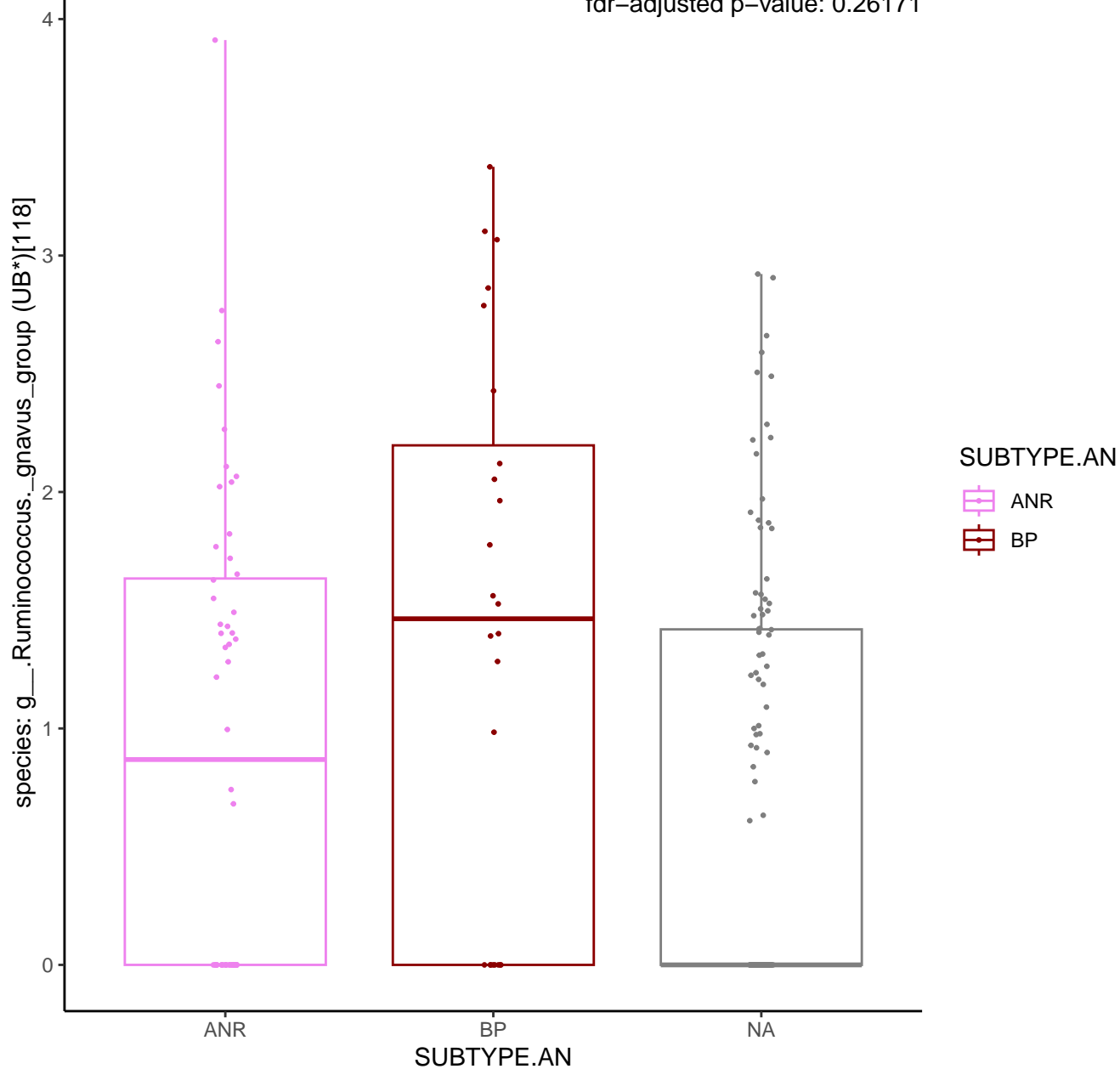
ANR

BP



anova p-value: 0.076162

fdr-adjusted p-value: 0.26171



anova p-value: 0.07736

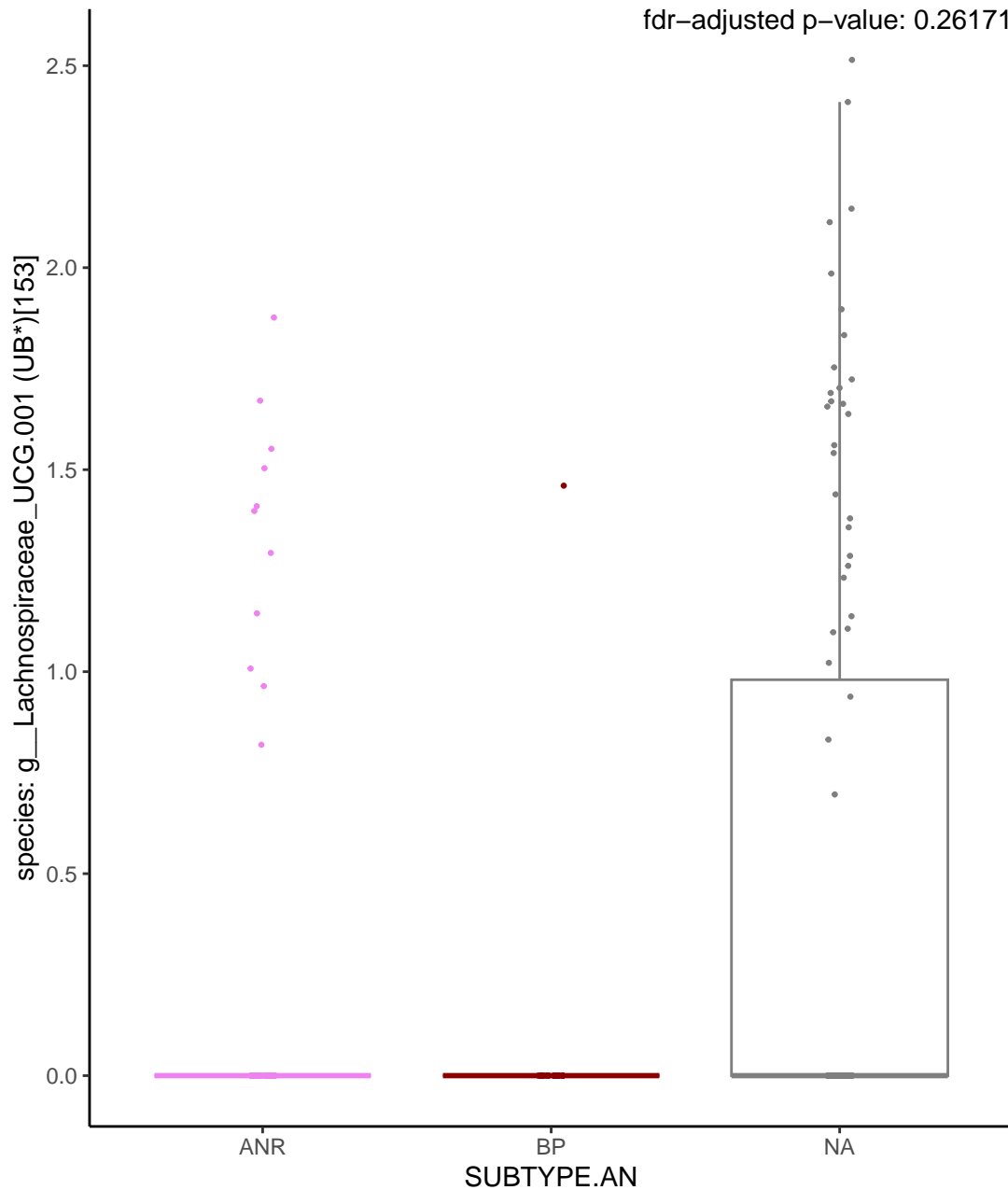
fdr-adjusted p-value: 0.26171

species: g__Lachnospiraceae_UCG.001 (UB*)[153]

SUBTYPE.AN

ANR

BP



anova p-value: 0.079018

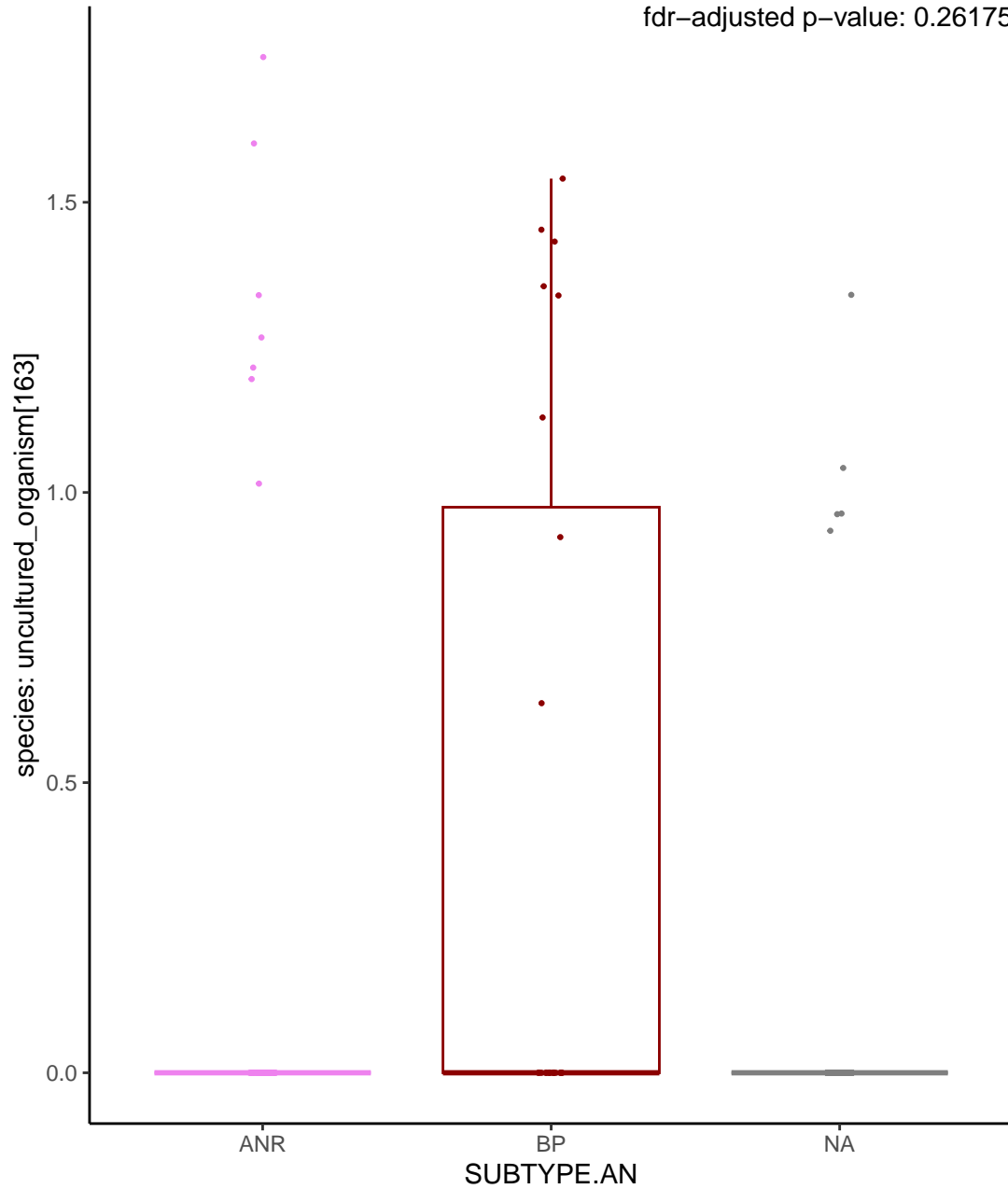
fdr-adjusted p-value: 0.26175

species: uncultured_organism[163]

SUBTYPE.AN

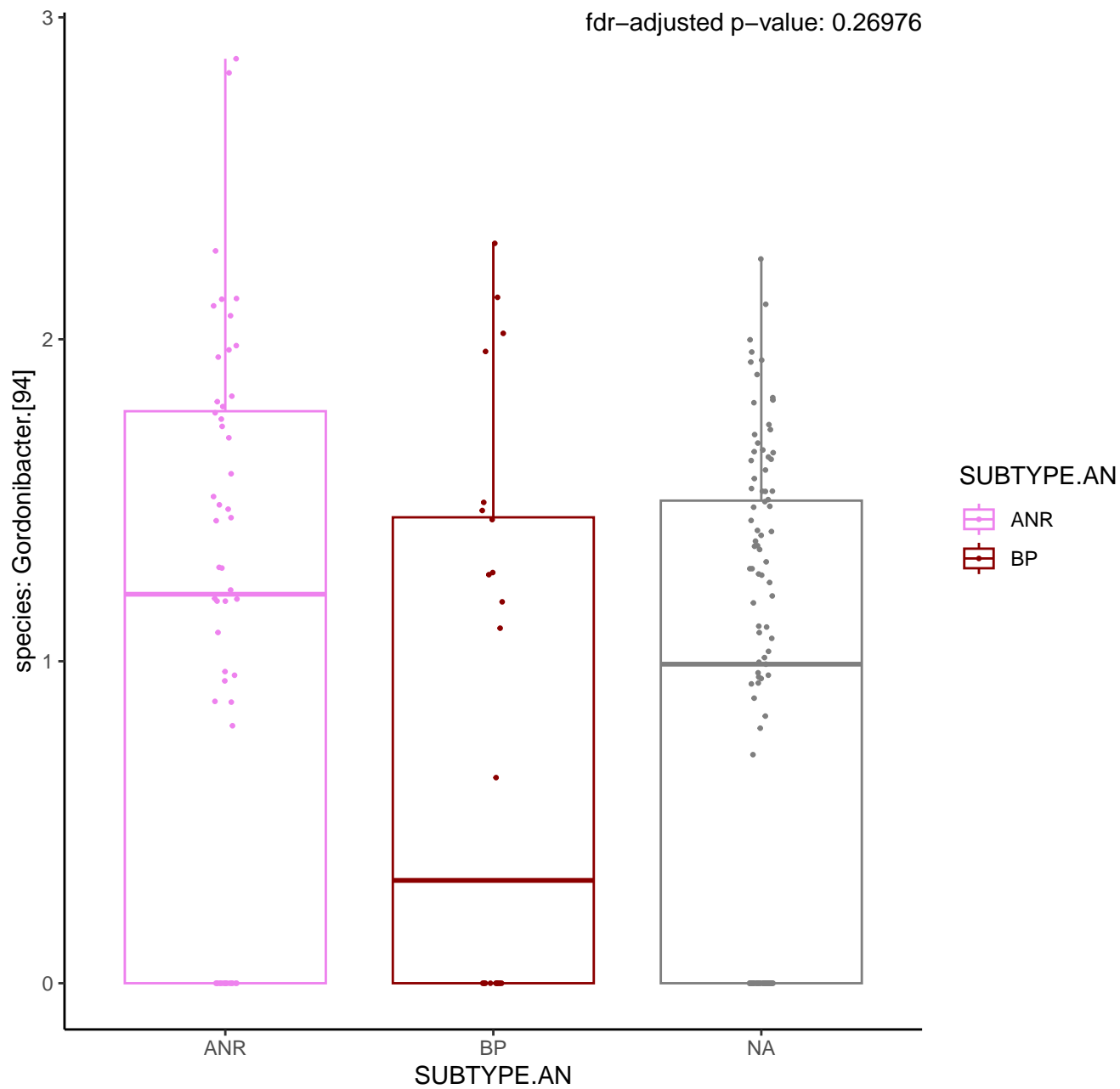
ANR

BP



anova p-value: 0.083133

fdr-adjusted p-value: 0.26976



anova p-value: 0.085629

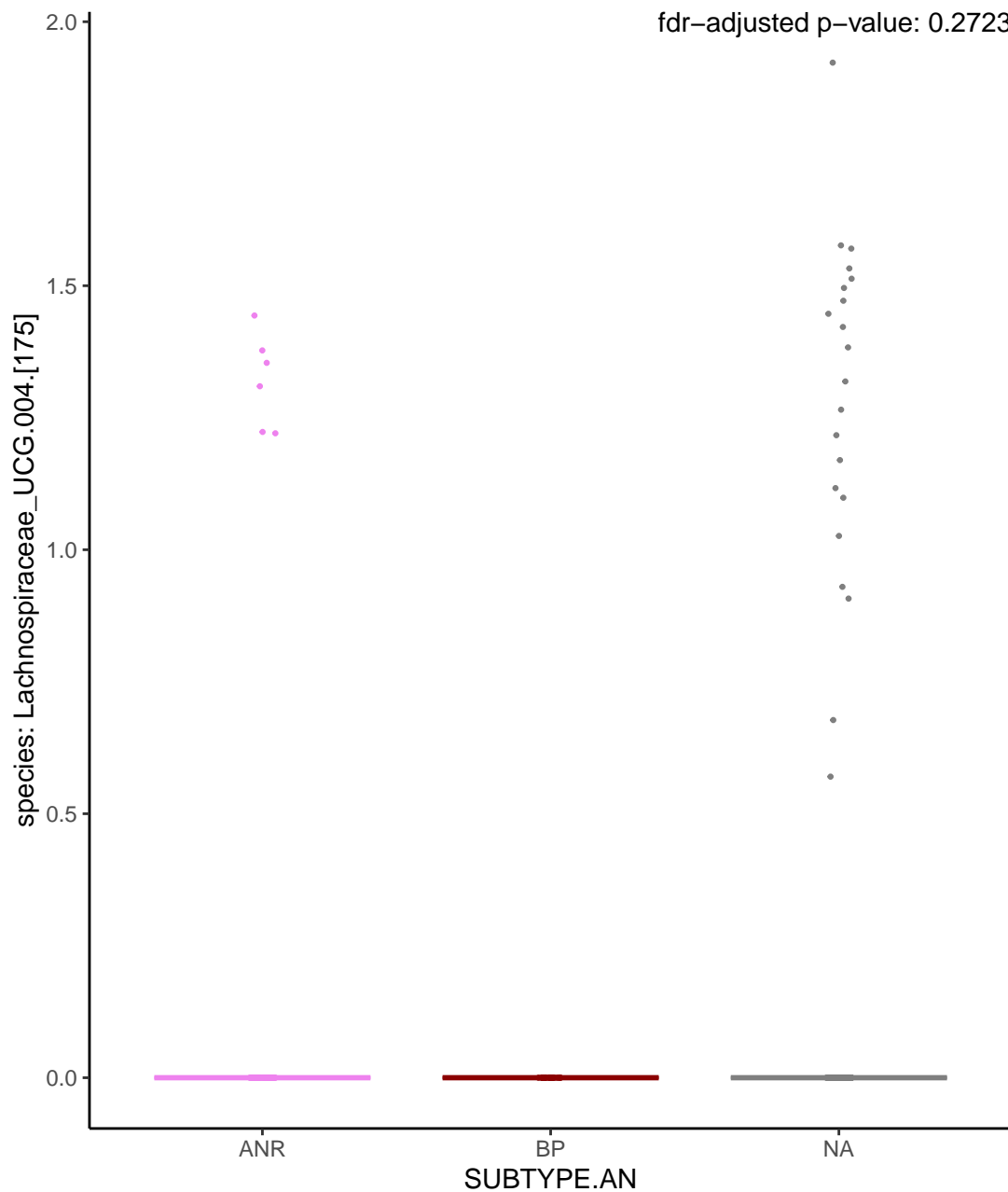
fdr-adjusted p-value: 0.2723

species: Lachnospiraceae_UCG.004.[175]

SUBTYPE.AN

ANR

BP



anova p-value: 0.087691

fdr-adjusted p-value: 0.27339

species: Enterococcus.[150]

SUBTYPE.AN

ANR

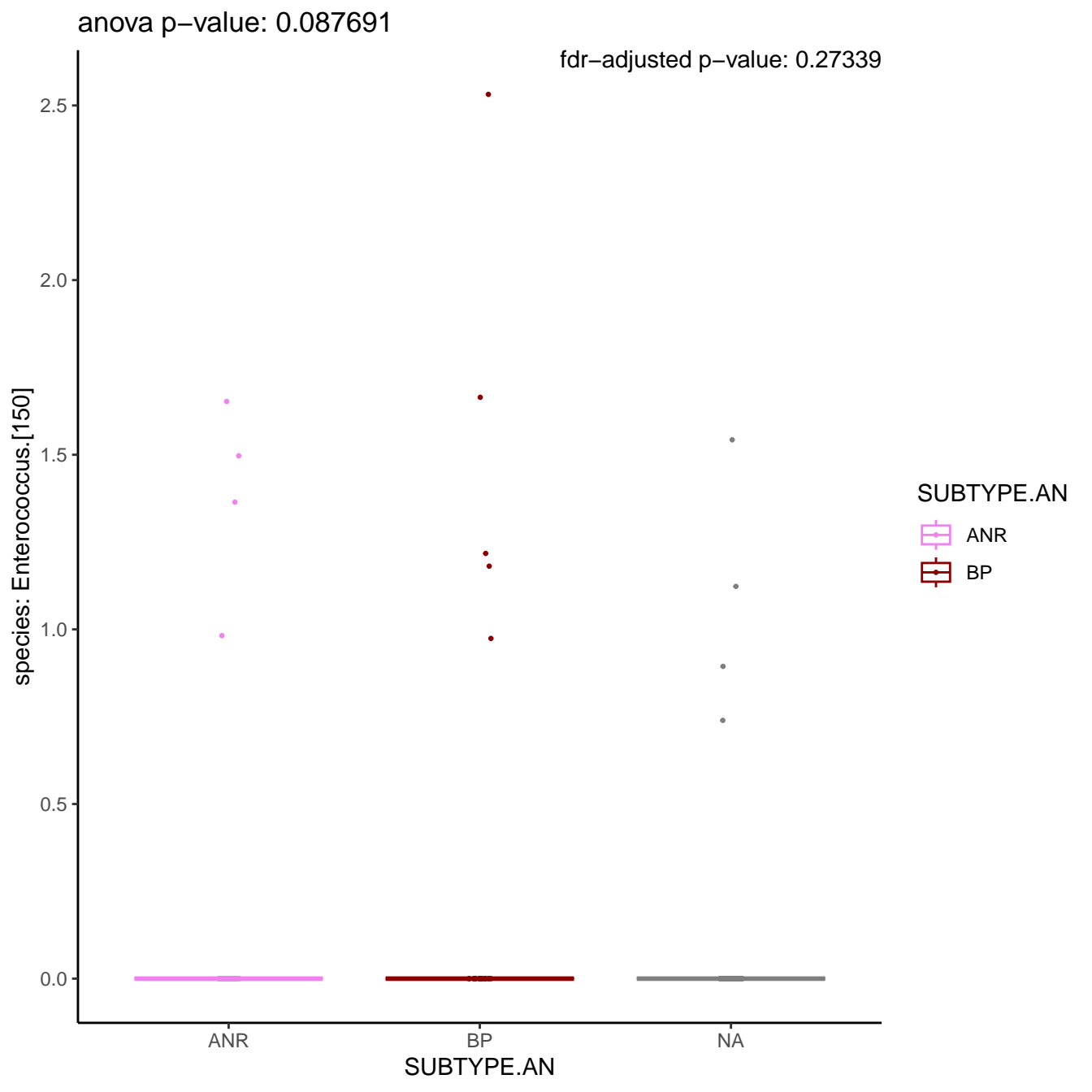
BP

ANR

BP

NA

SUBTYPE.AN



anova p-value: 0.091094

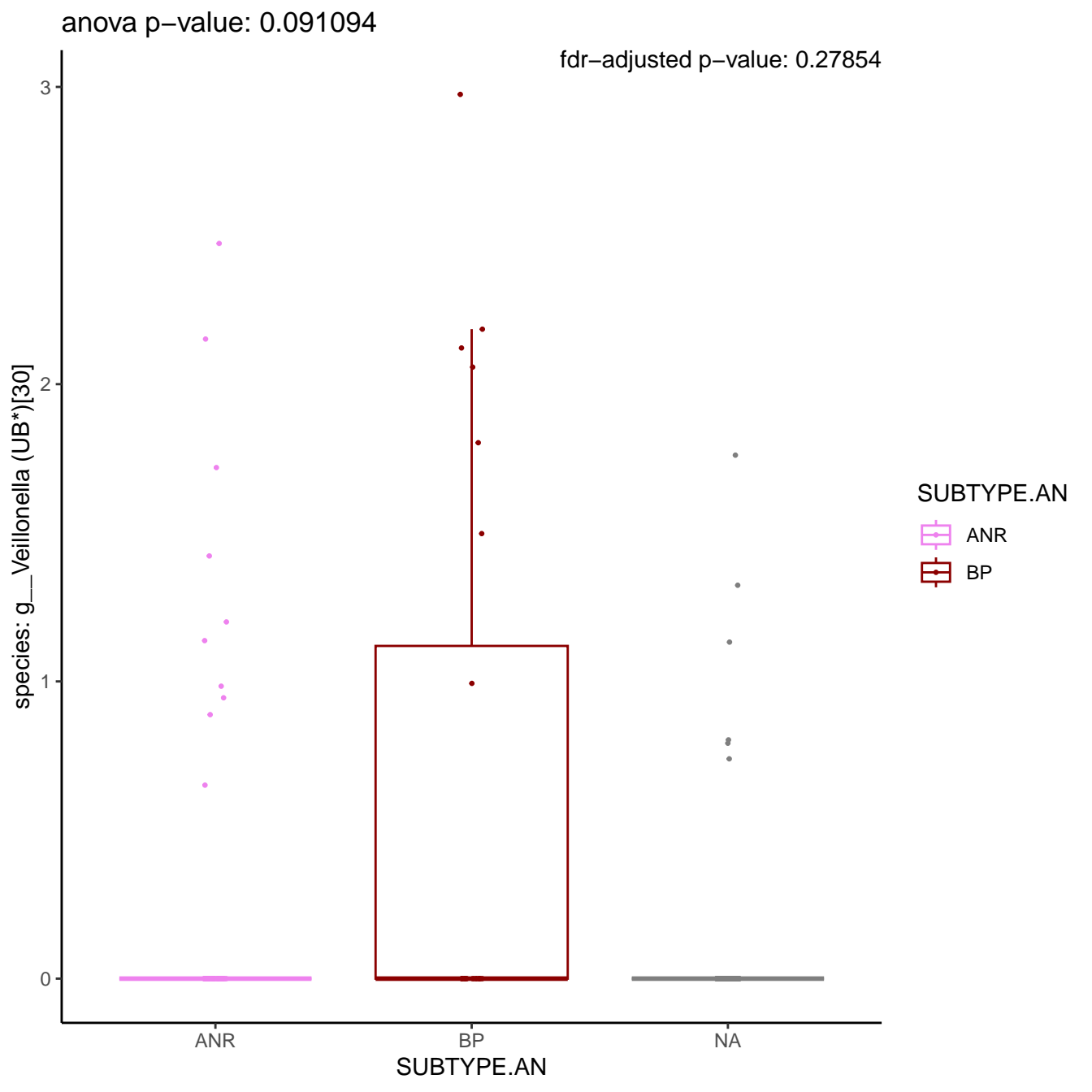
fdr-adjusted p-value: 0.27854

species: g__Veillonella (UB*)[30]

SUBTYPE.AN

ANR

BP



anova p-value: 0.095158

fdr-adjusted p-value: 0.28547

species: Blautia.[5]

SUBTYPE.AN

ANR

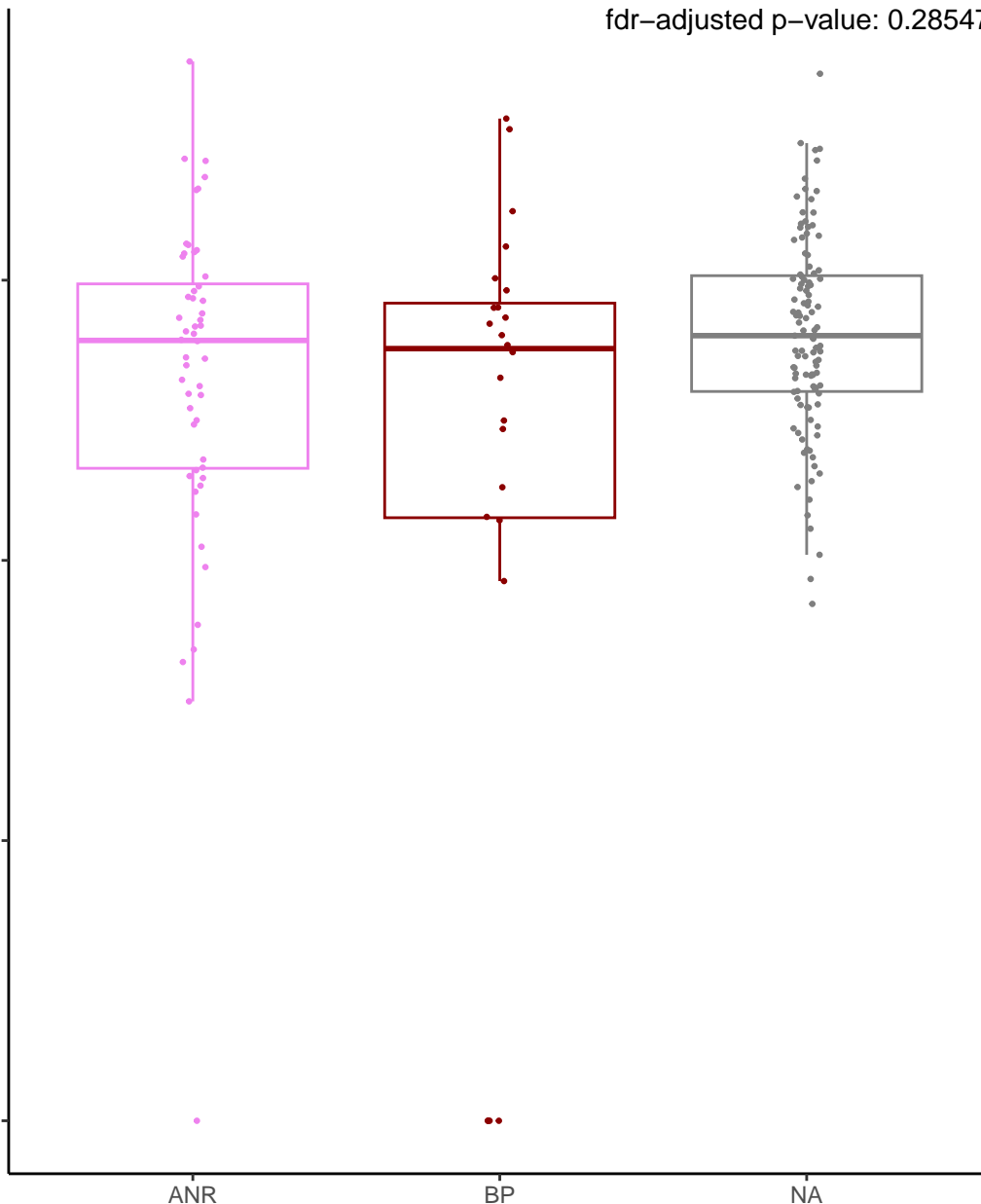
BP

ANR

BP

NA

SUBTYPE.AN



anova p-value: 0.10081

fdr-adjusted p-value: 0.29682

species: g__uncultured (UB*)[159]

SUBTYPE.AN

ANR

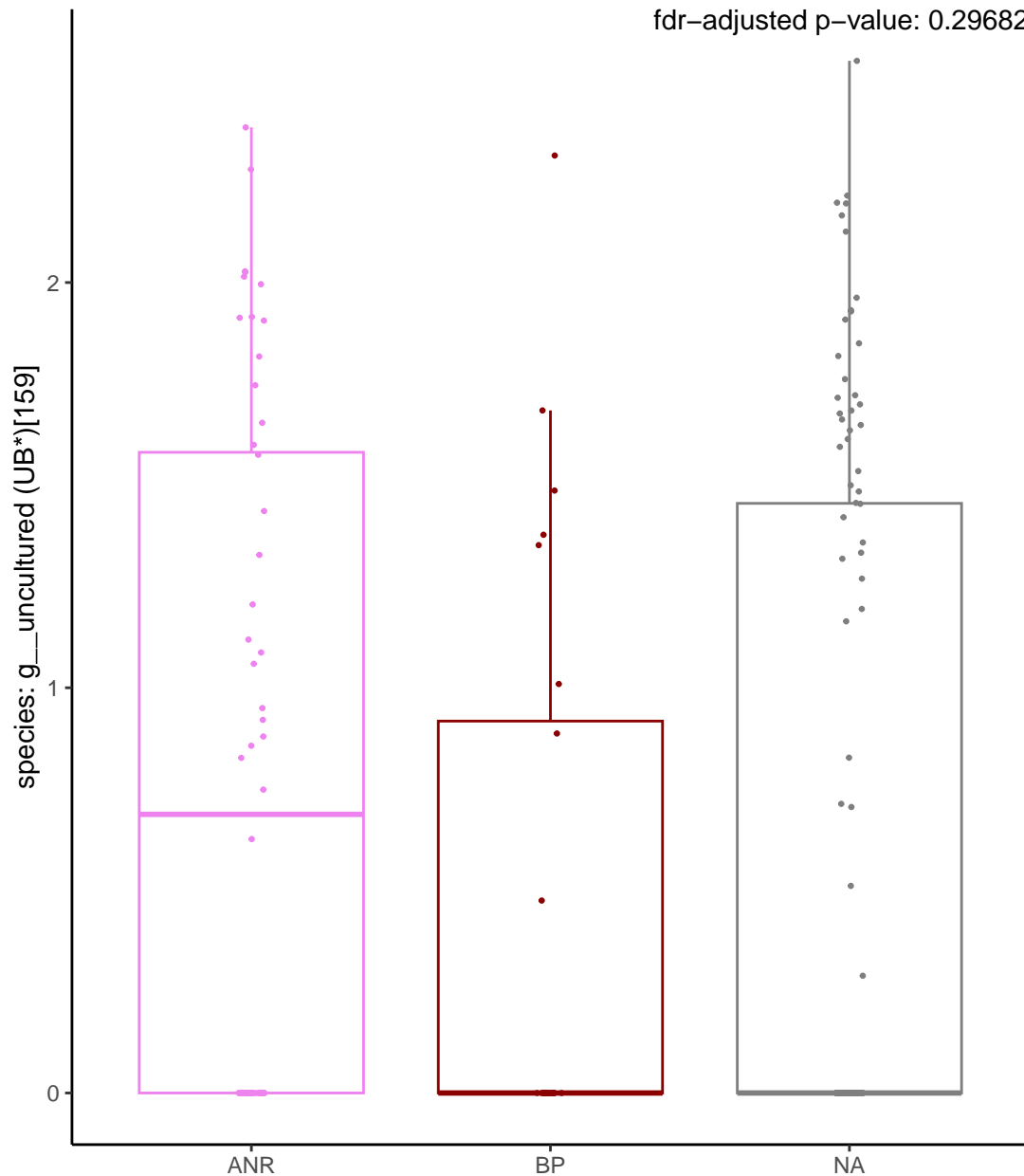
BP

ANR

BP

NA

SUBTYPE.AN



anova p-value: 0.10942

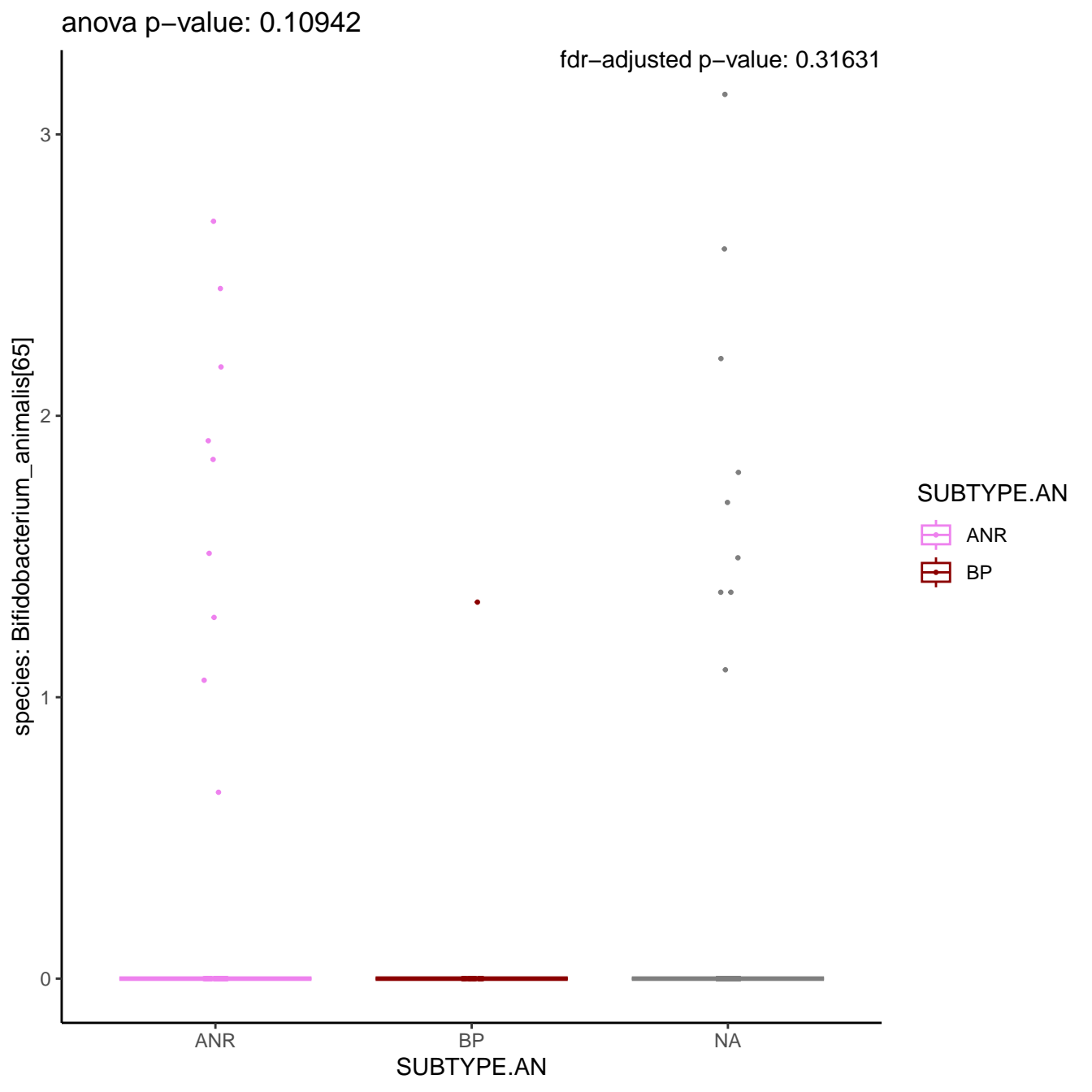
fdr-adjusted p-value: 0.31631

species: *Bifidobacterium animalis*[65]

SUBTYPE.AN

ANR

BP



anova p-value: 0.11595

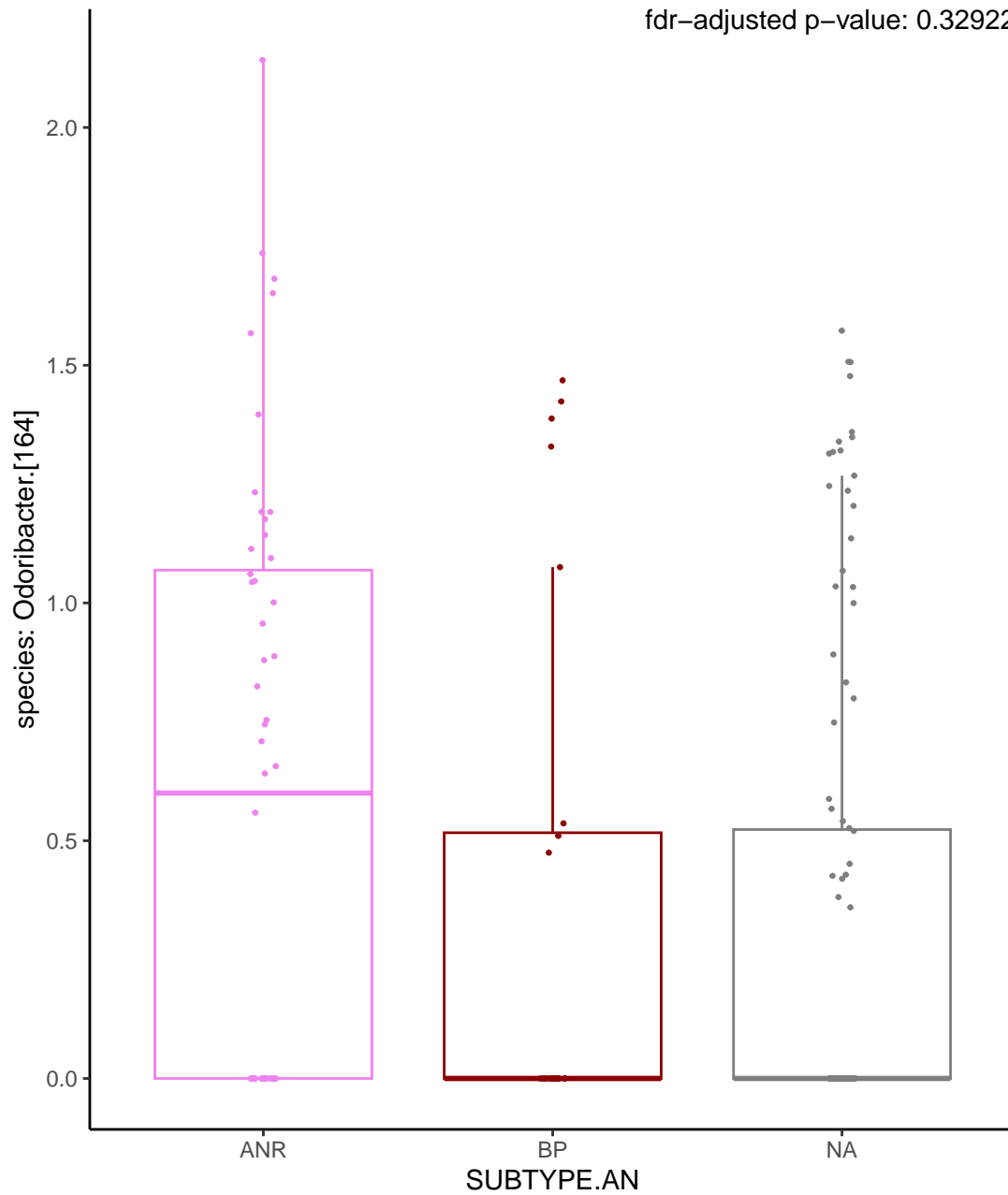
fdr-adjusted p-value: 0.32922

species: Odoribacter.[164]

SUBTYPE.AN

ANR

BP



anova p-value: 0.12142

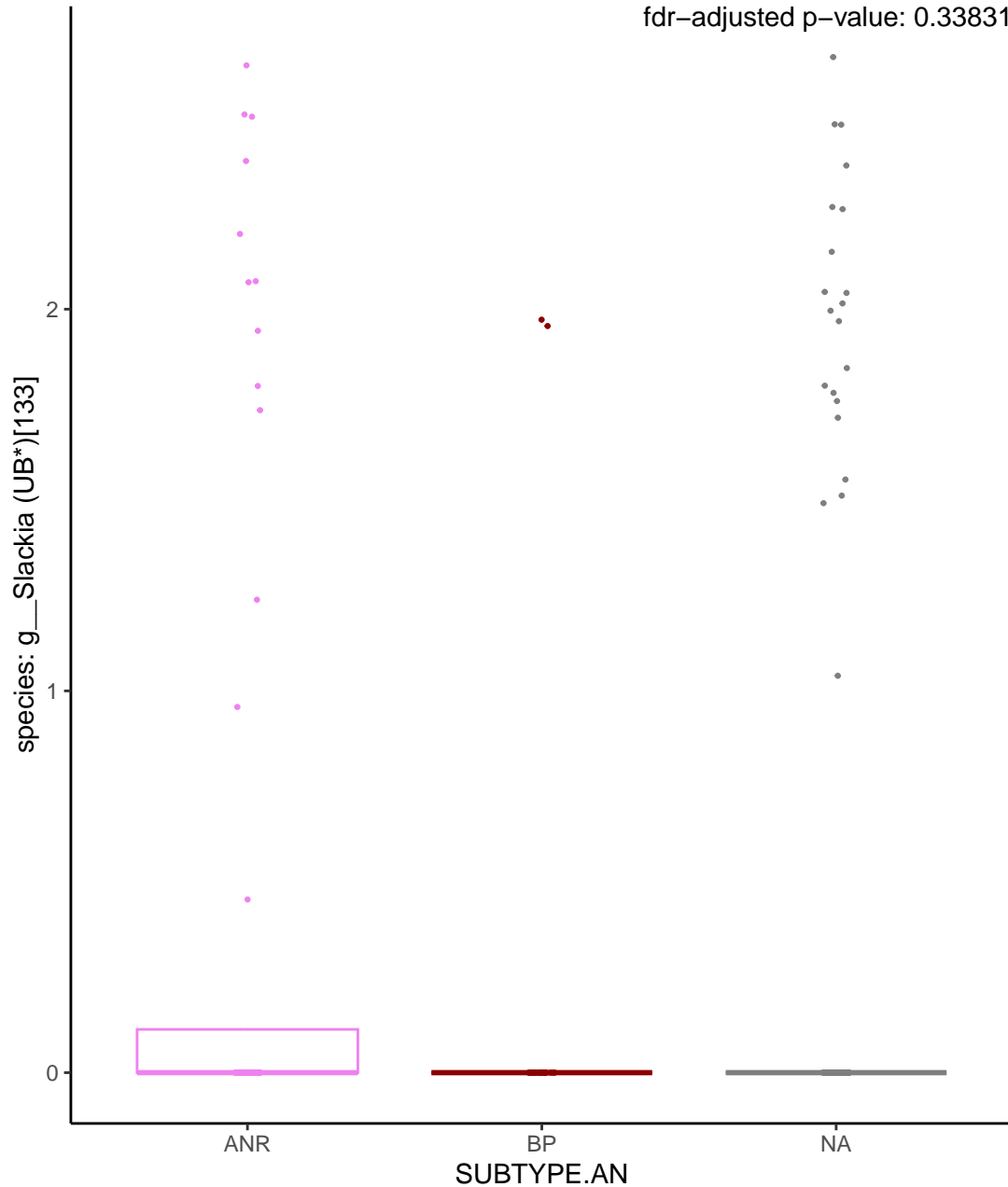
fdr-adjusted p-value: 0.33831

species: g__Slackia (UB*)[133]

SUBTYPE.AN

ANR

BP



anova p-value: 0.12341

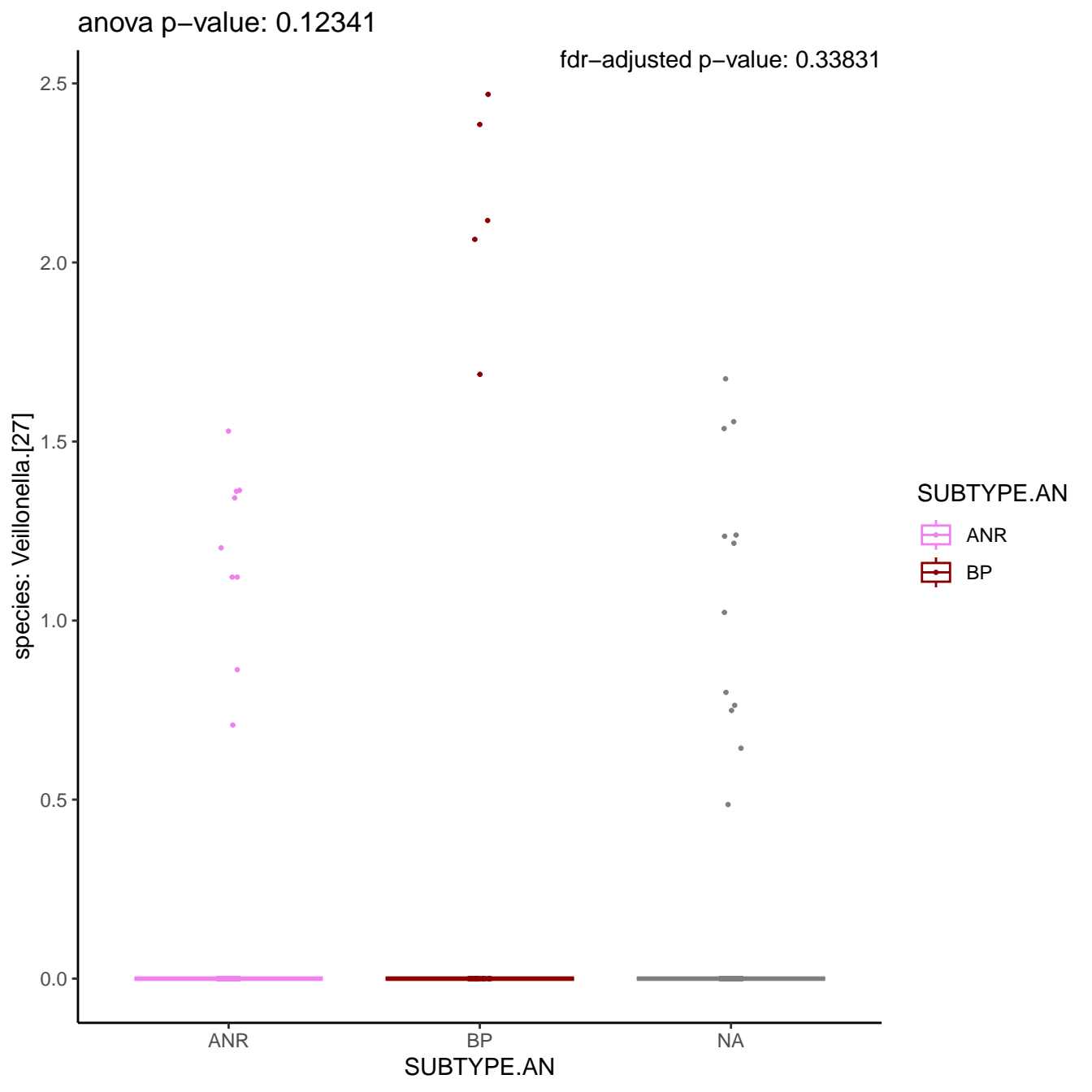
fdr-adjusted p-value: 0.33831

species: Veillonella.[27]

SUBTYPE.AN

ANR

BP



anova p-value: 0.13018

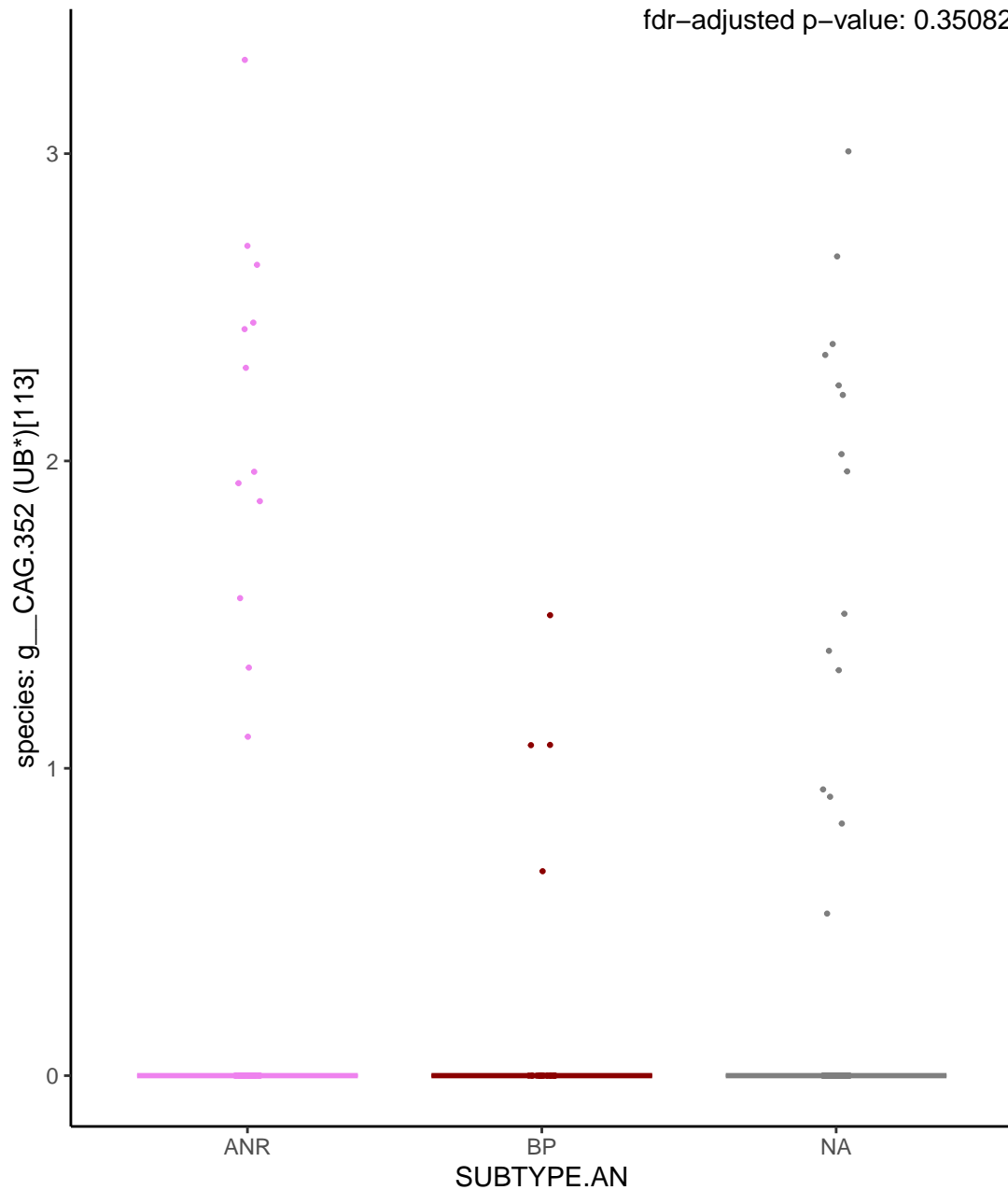
fdr-adjusted p-value: 0.35082

species: g__CAG.352 (UB*)[113]

SUBTYPE.AN

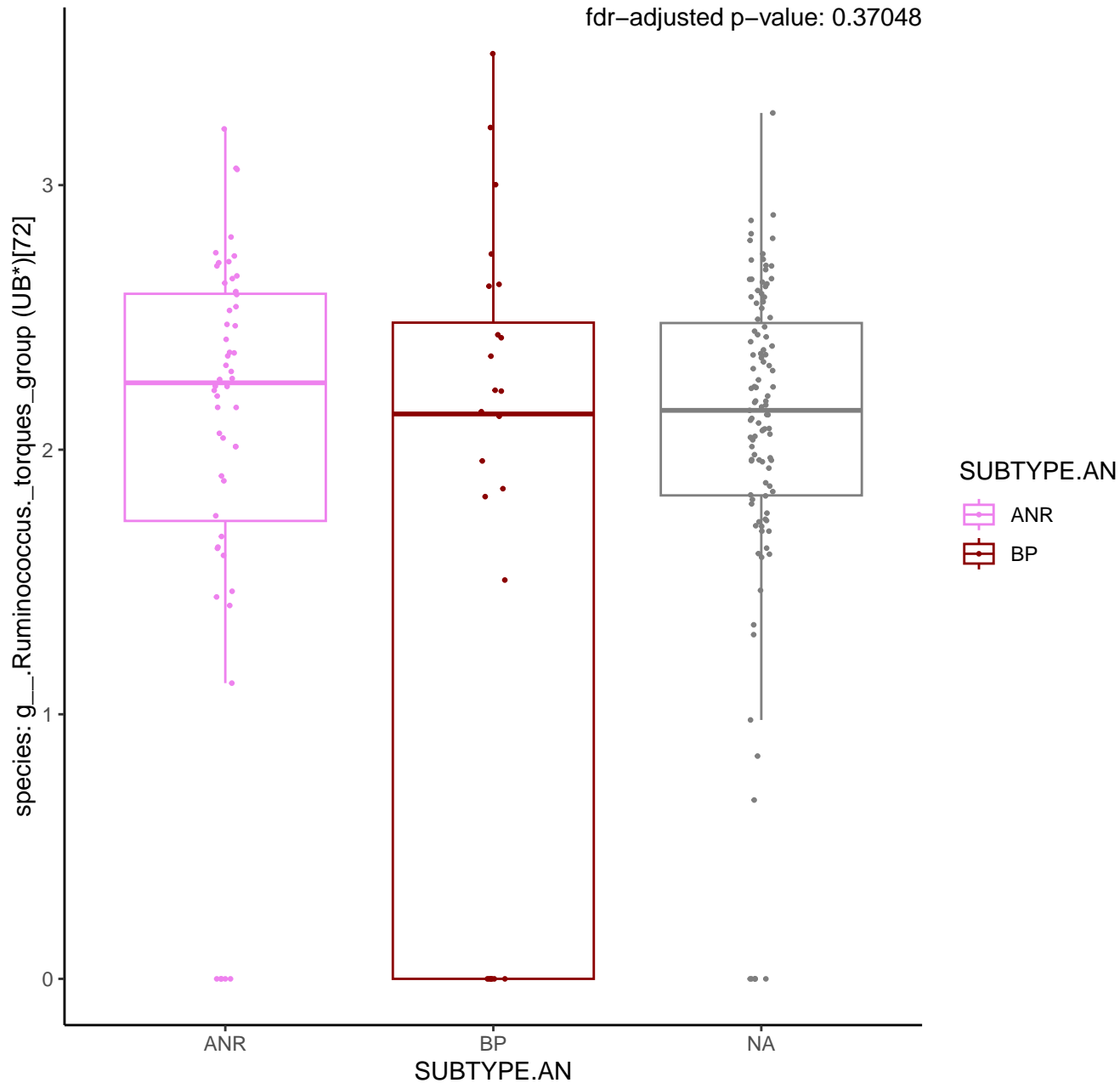
ANR

BP



anova p-value: 0.14119

fdr-adjusted p-value: 0.37048



anova p-value: 0.14213

fdr-adjusted p-value: 0.37048

species: .Eubacterium._coprostanoligenes_group.[96]

SUBTYPE.AN

ANR

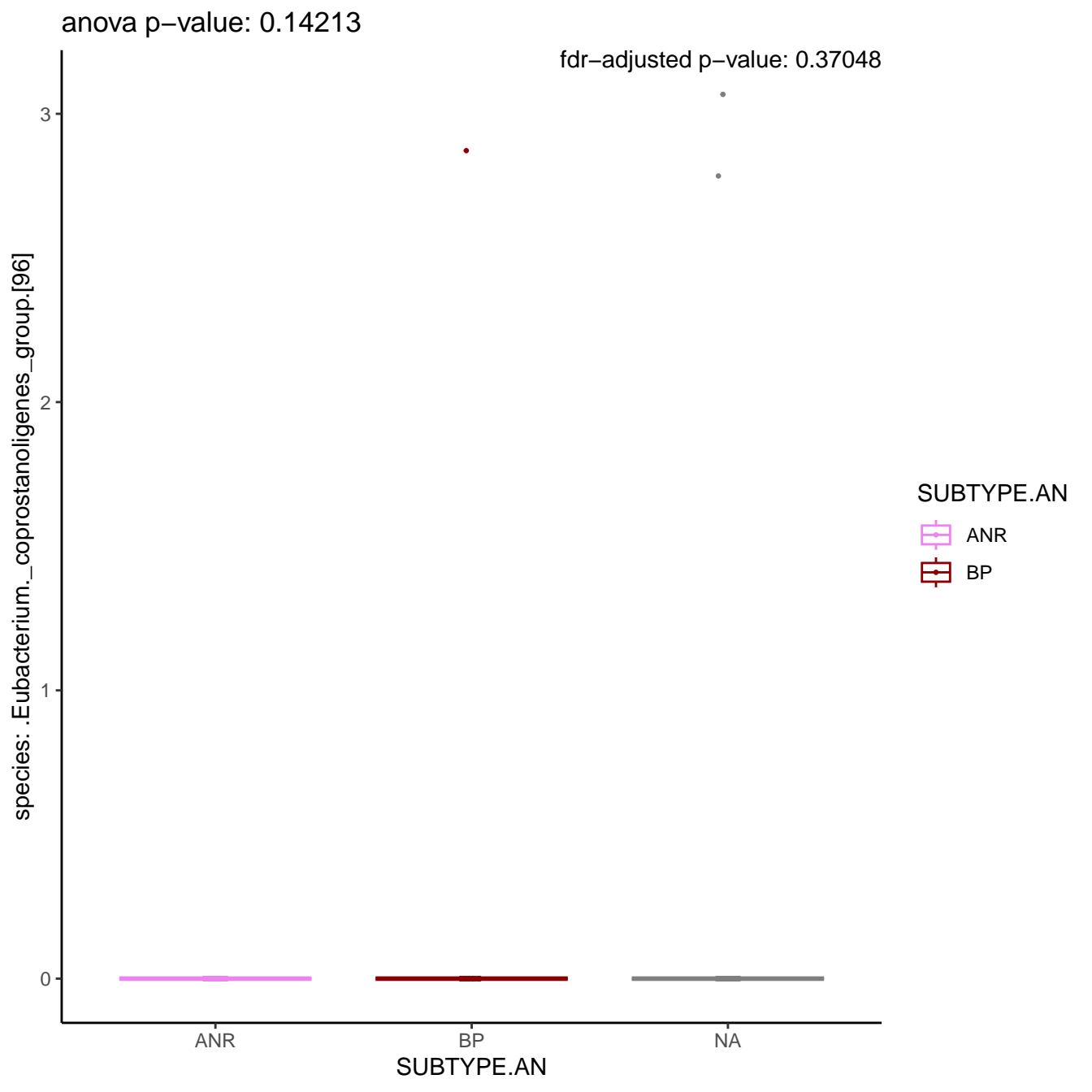
BP

ANR

BP

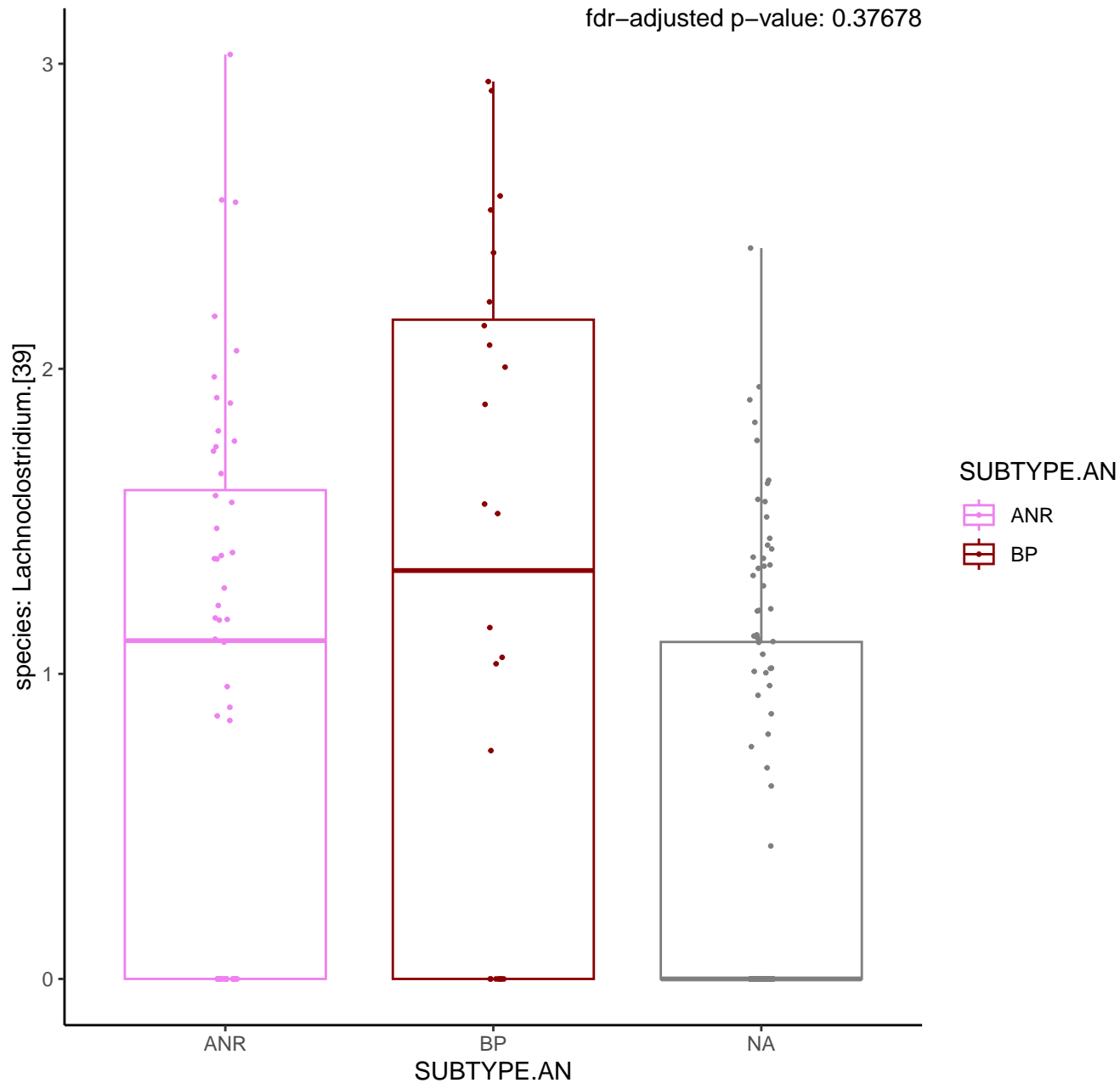
NA

SUBTYPE.AN



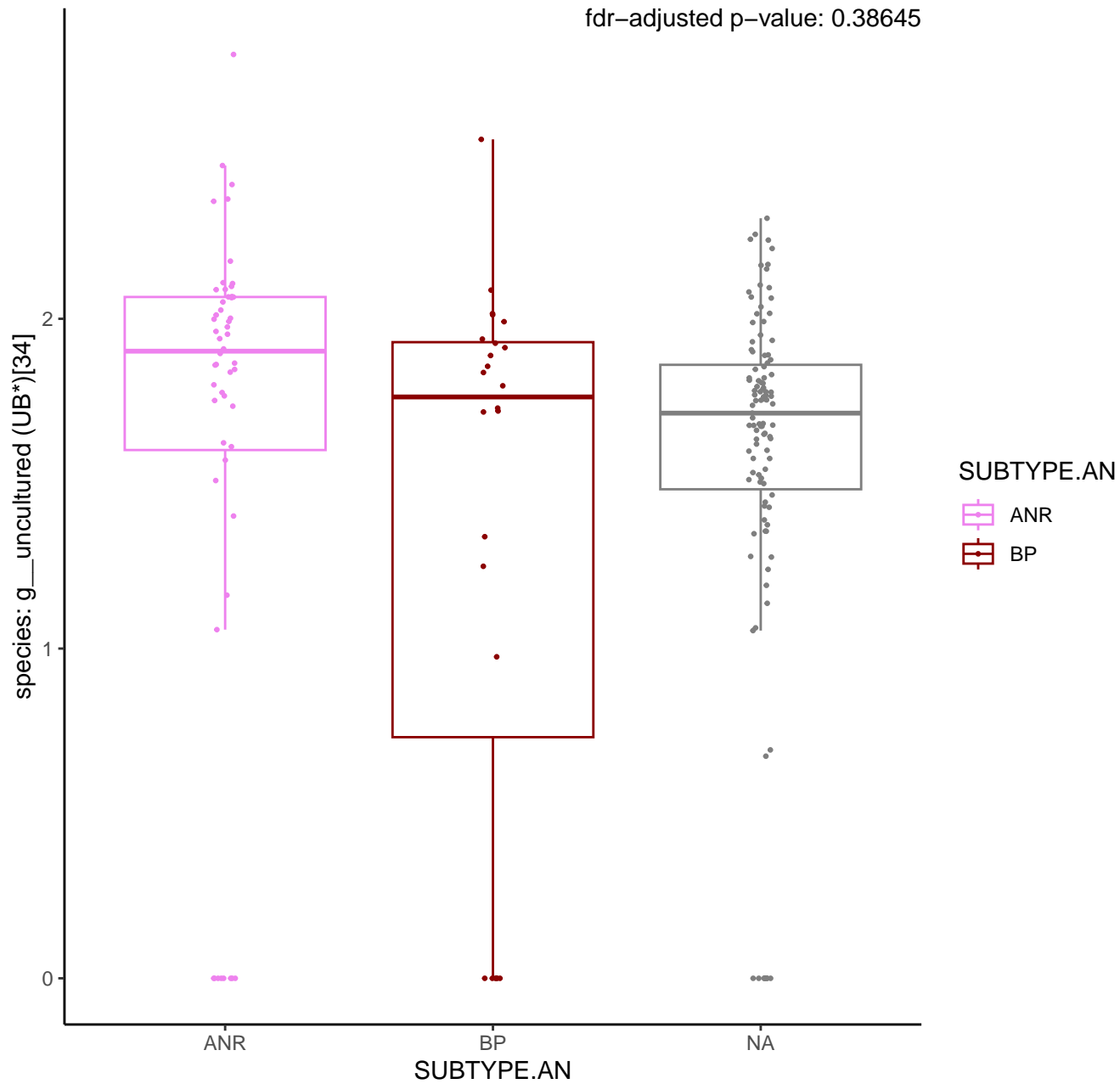
anova p-value: 0.14692

fdr-adjusted p-value: 0.37678



anova p-value: 0.15509

fdr-adjusted p-value: 0.38645



anova p-value: 0.15555

fdr-adjusted p-value: 0.38645

species: g__Shuttleworthia (UB*)[6]

SUBTYPE.AN

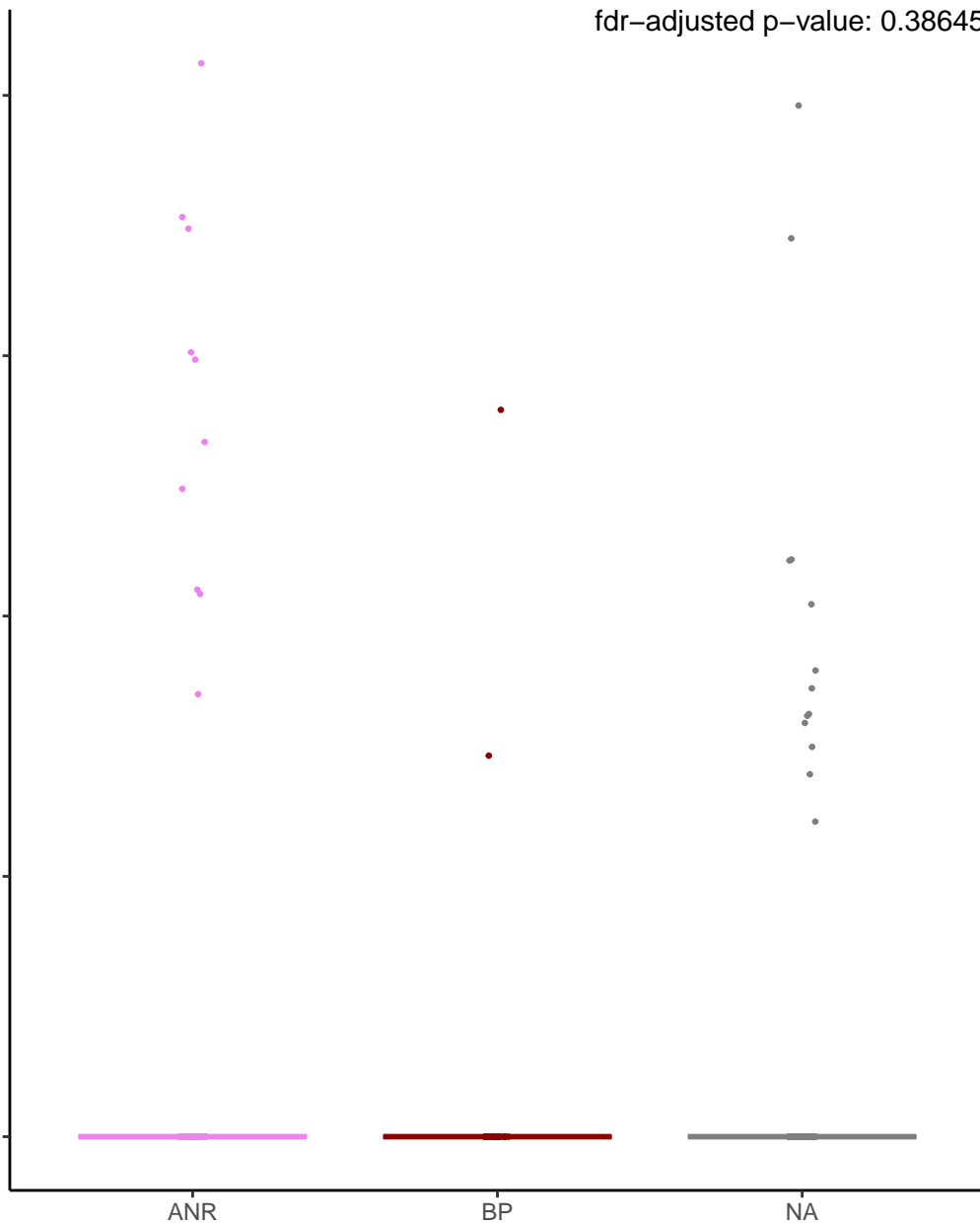
ANR
BP

ANR

BP

NA

SUBTYPE.AN



anova p-value: 0.16329

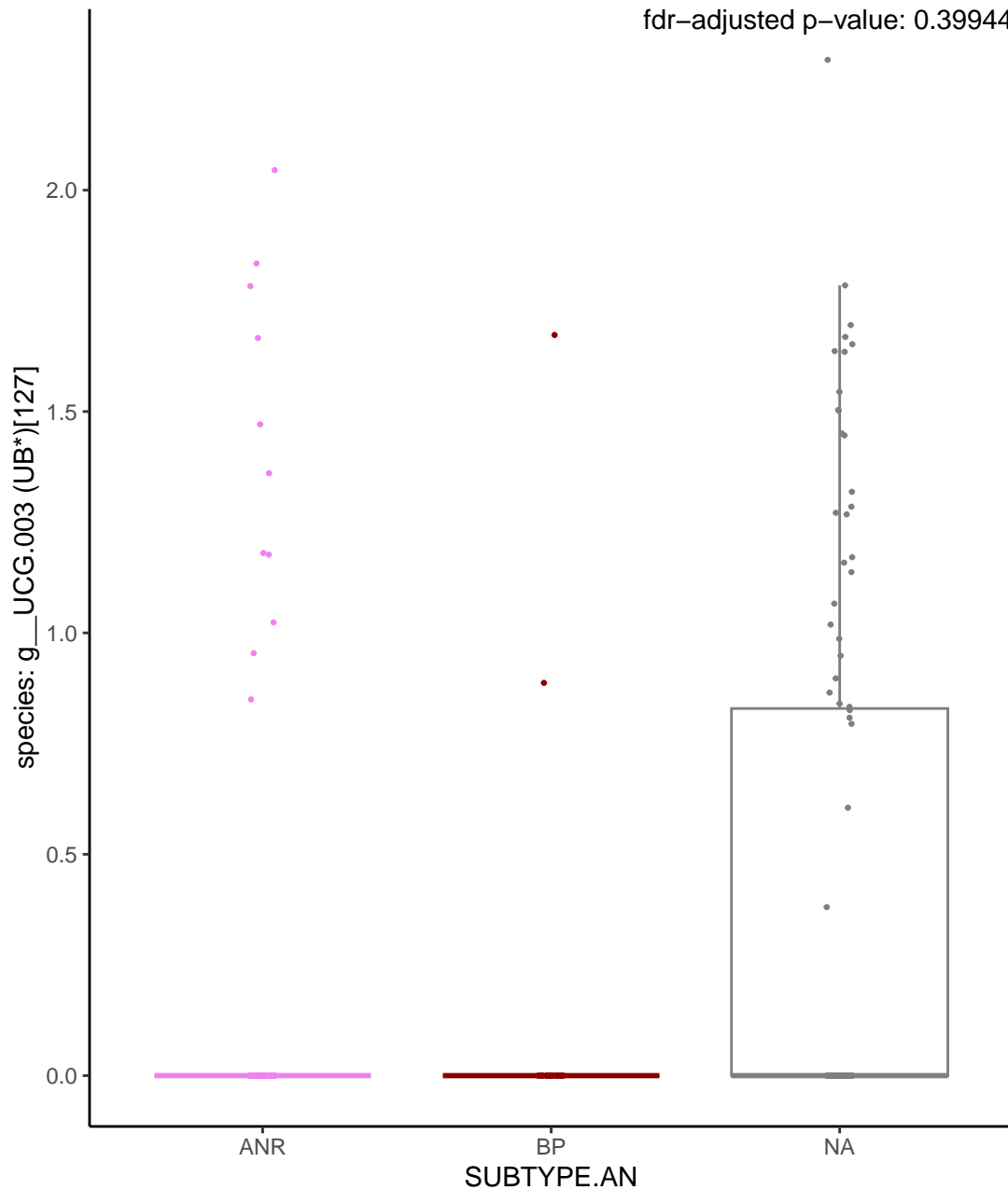
fdr-adjusted p-value: 0.39944

species: g__UCG.003 (UB*)[127]

SUBTYPE.AN

ANR

BP



anova p-value: 0.16854

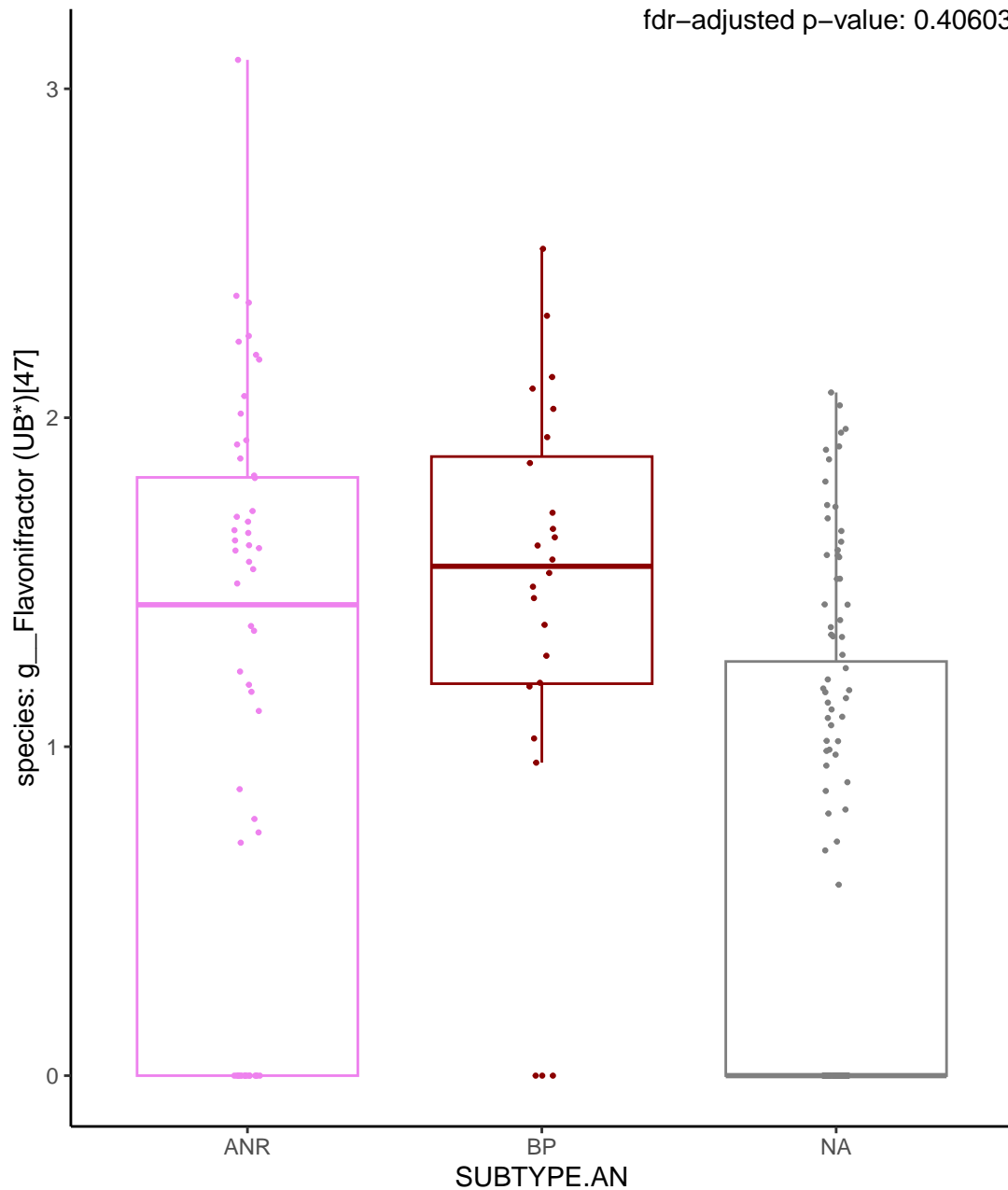
fdr-adjusted p-value: 0.40603

species: g__Flavonifractor (UB*)[47]

SUBTYPE.AN

ANR

BP



anova p-value: 0.17216

fdr-adjusted p-value: 0.40856

species: uncultured_organism[59]

SUBTYPE.AN

ANR

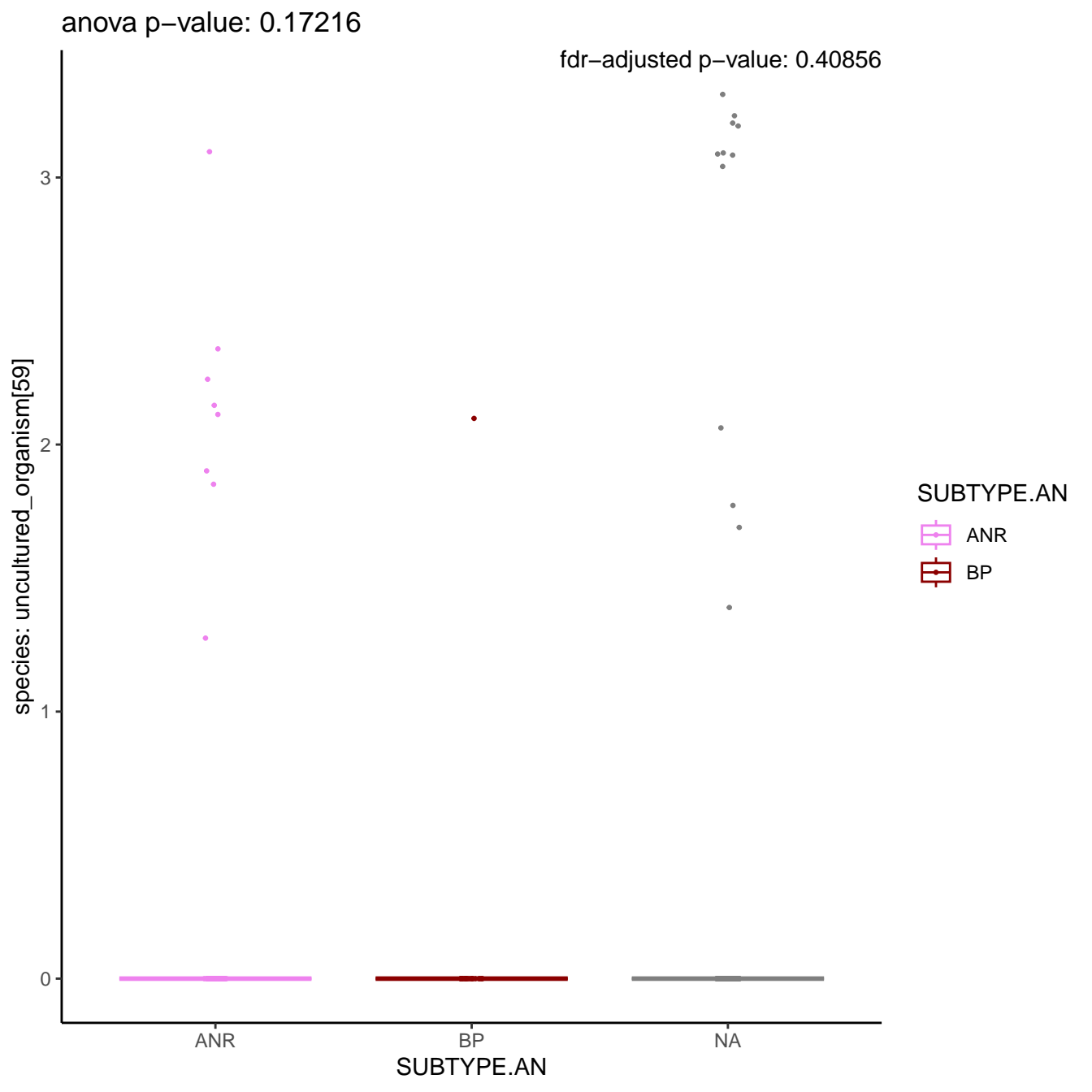
BP

ANR

BP

NA

SUBTYPE.AN



anova p-value: 0.18488

fdr-adjusted p-value: 0.41915

species: Methanobrevibacter. [69]

SUBTYPE.AN

ANR

BP

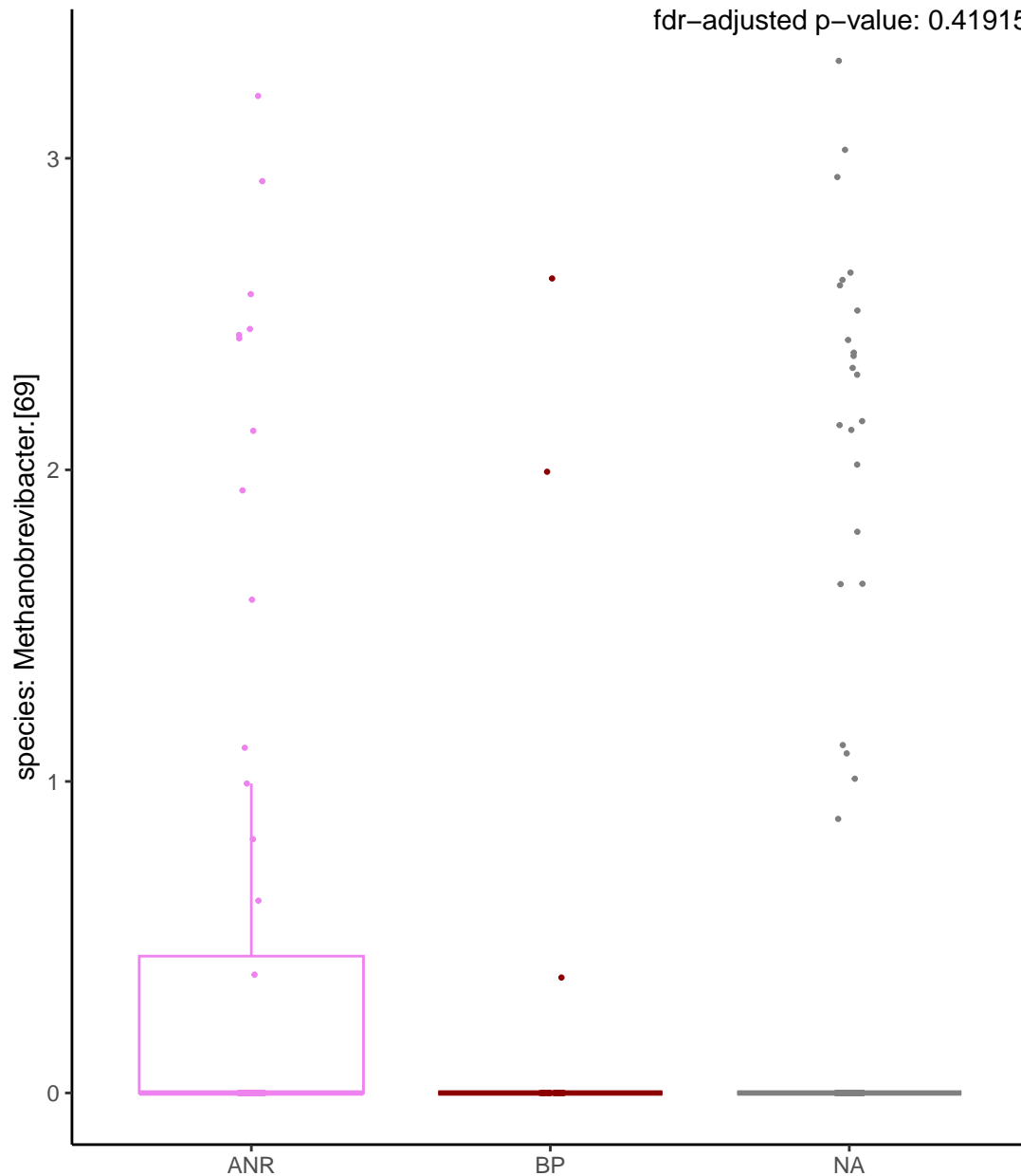
BP

ANR

BP

NA

SUBTYPE.AN



anova p-value: 0.18583

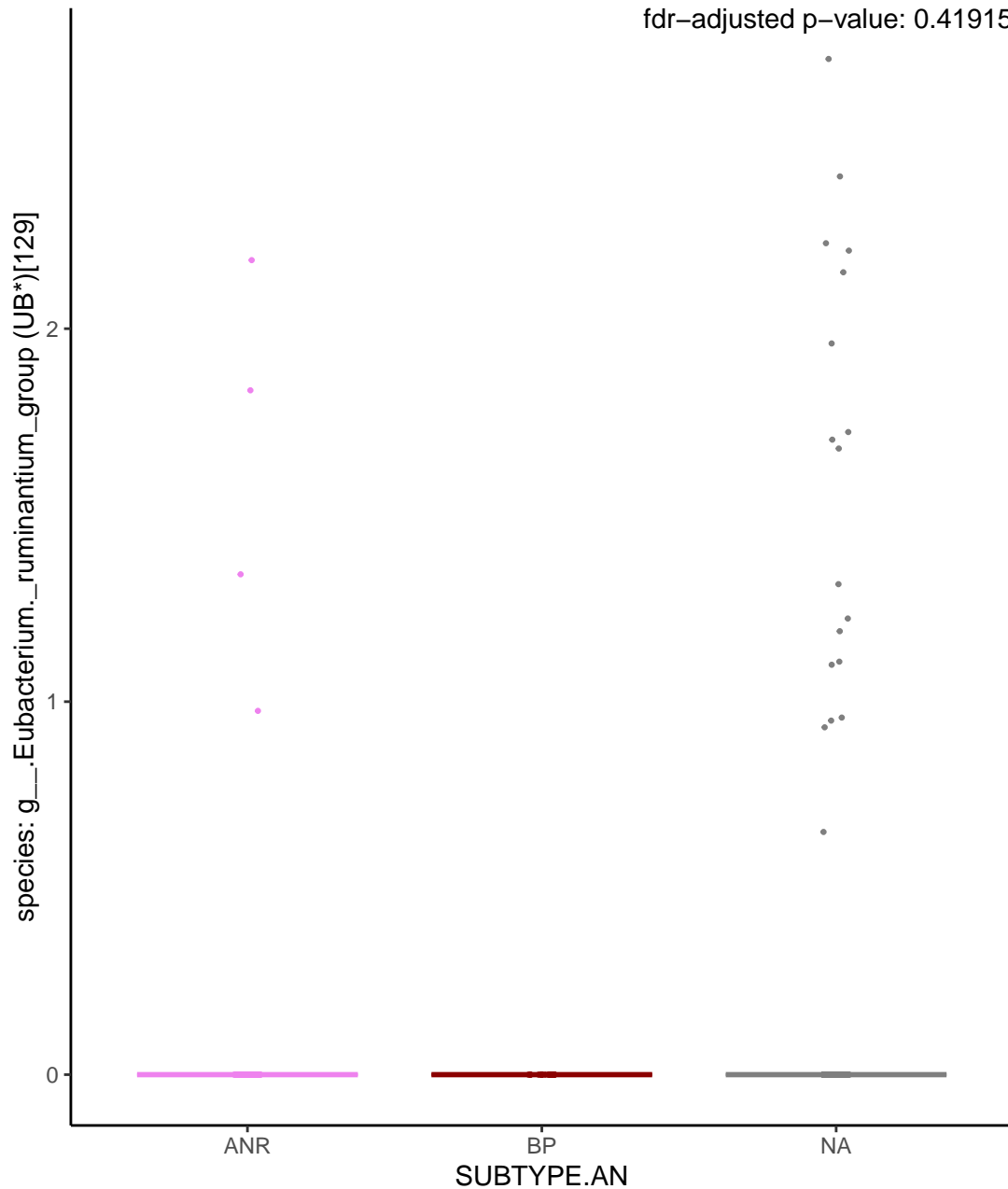
fdr-adjusted p-value: 0.41915

species: g__Eubacterium_ruminantium (UB*)[129]

SUBTYPE.AN

ANR

BP



anova p-value: 0.18794

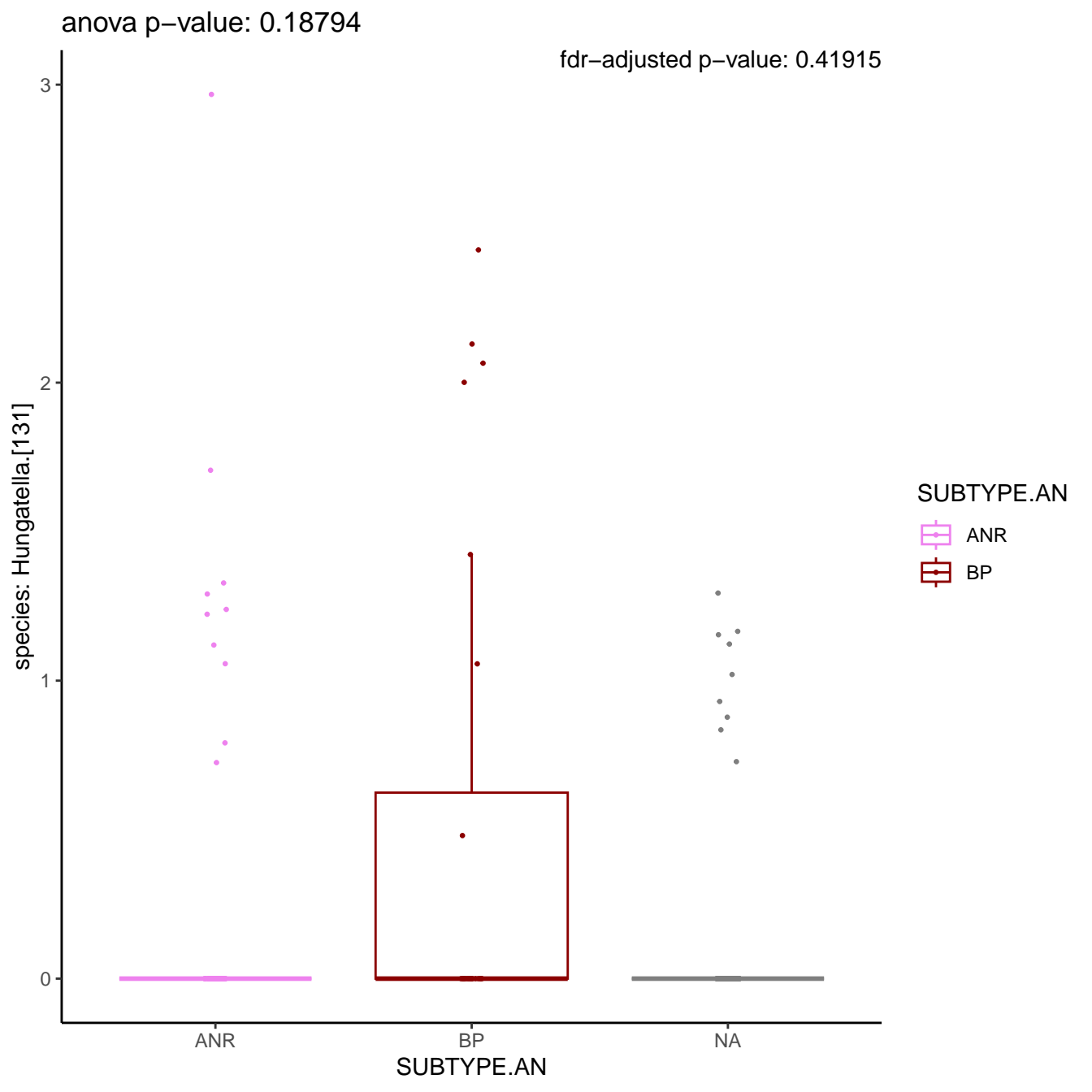
fdr-adjusted p-value: 0.41915

species: Hungatella.[131]

SUBTYPE.AN

ANR

BP



anova p-value: 0.18901

fdr-adjusted p-value: 0.41915



SUBTYPE.AN

 ANR



ANR

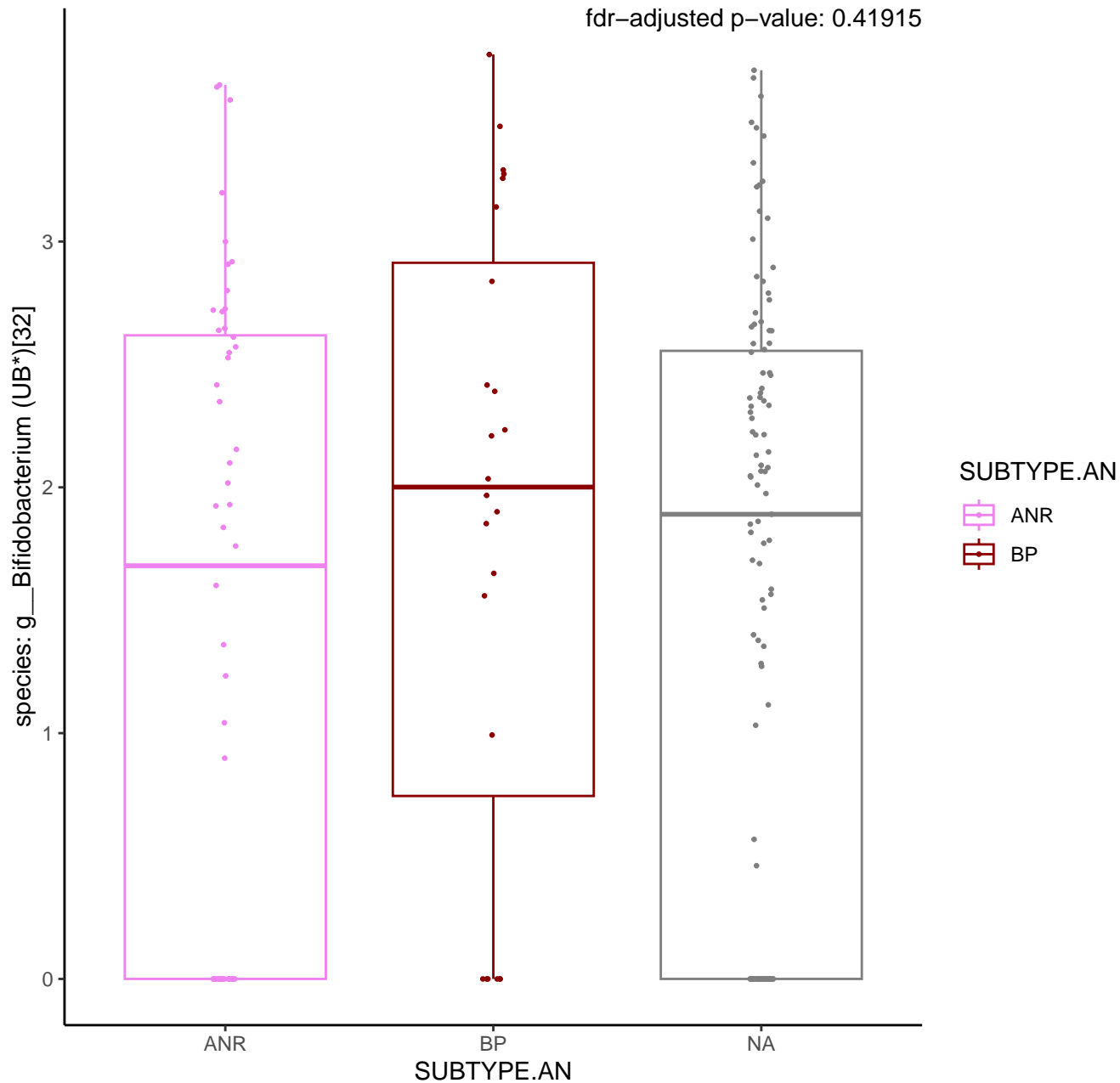
BP

NA

SUBTYPE.AN

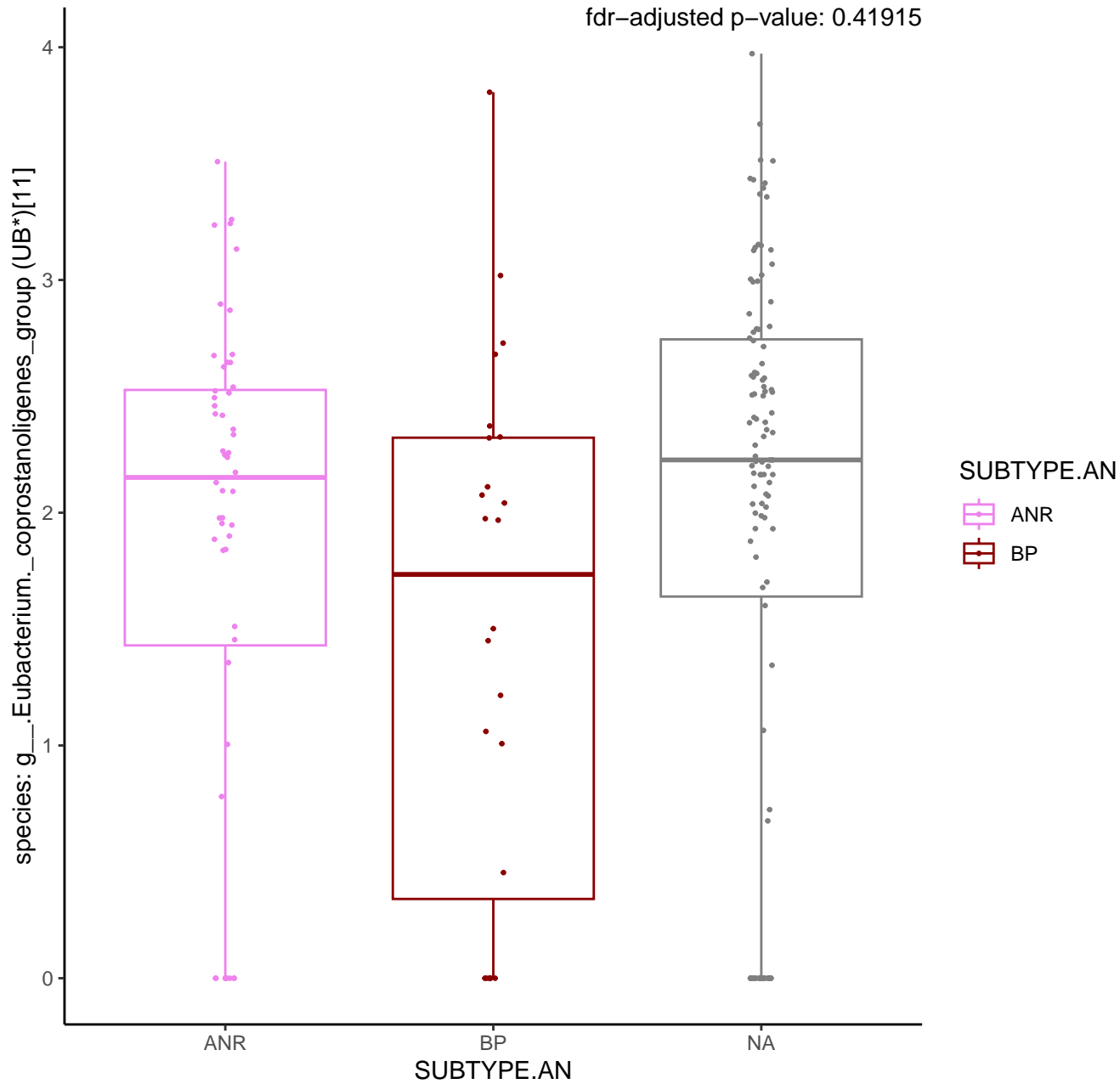
anova p-value: 0.19231

fdr-adjusted p-value: 0.41915



anova p-value: 0.19244

fdr-adjusted p-value: 0.41915



anova p-value: 0.20122

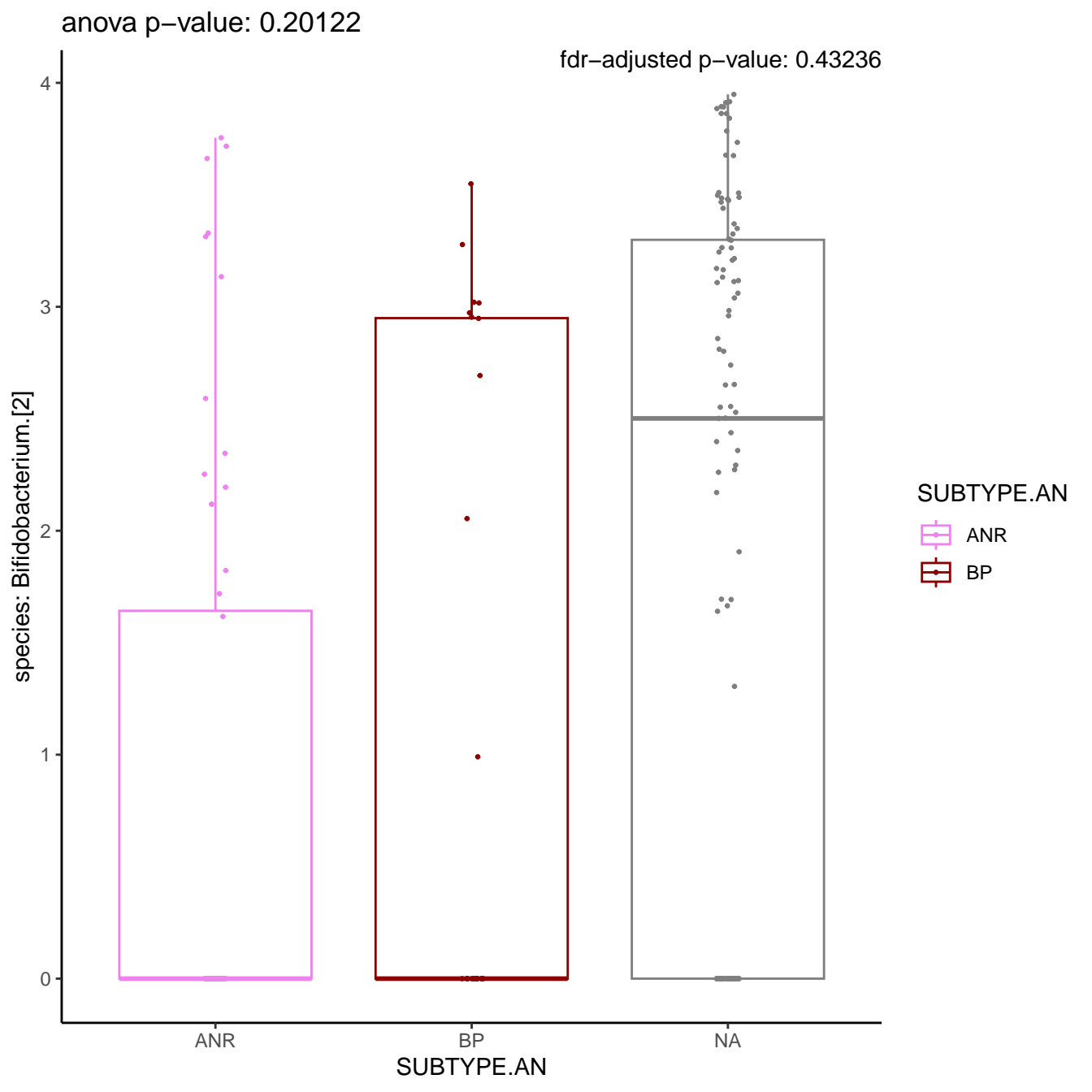
fdr-adjusted p-value: 0.43236

species: Bifidobacterium.[2]

SUBTYPE.AN

ANR

BP



anova p-value: 0.21188

fdr-adjusted p-value: 0.44792

species: Anaerostipes.[92]

SUBTYPE.AN

ANR

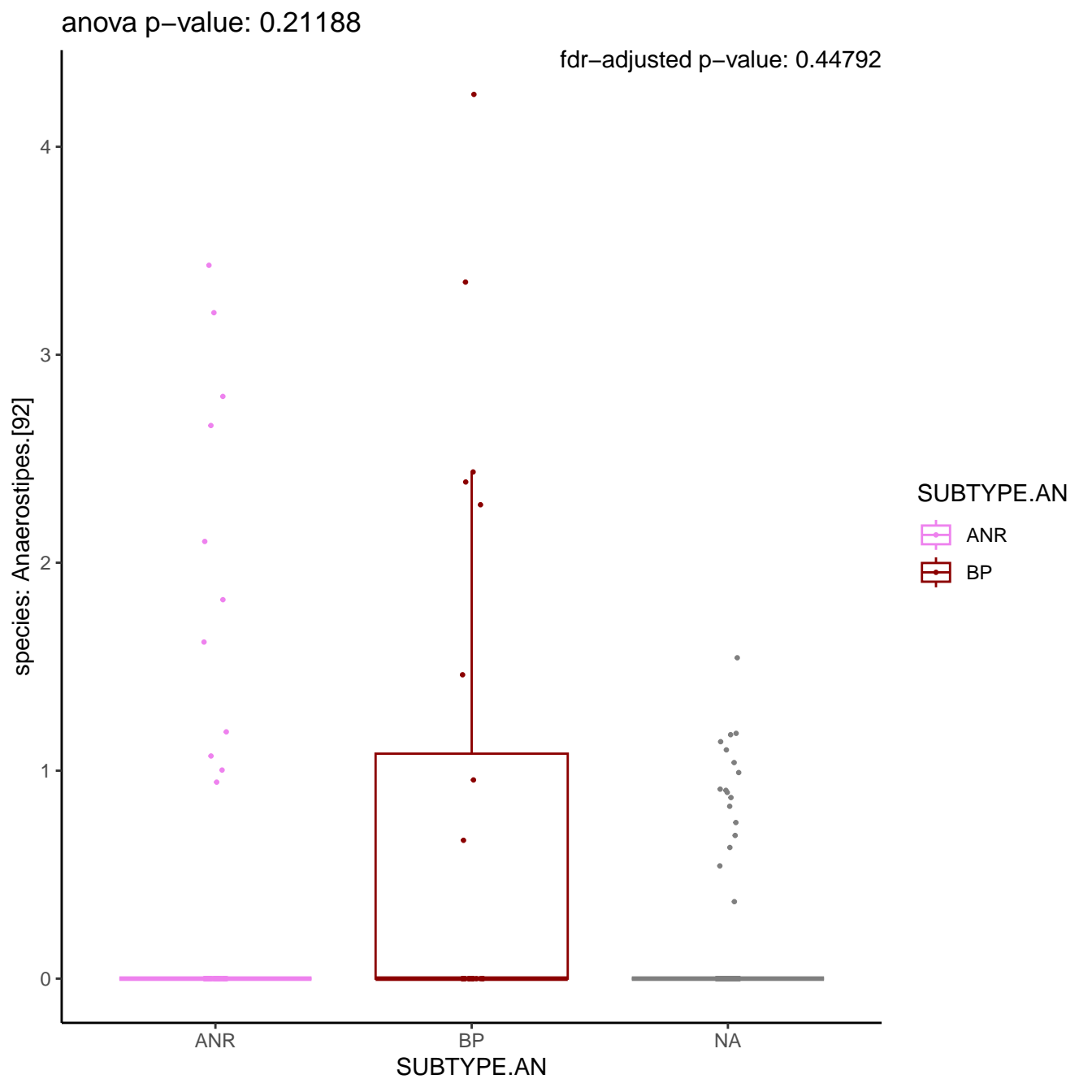
BP

ANR

BP

NA

SUBTYPE.AN



anova p-value: 0.2141

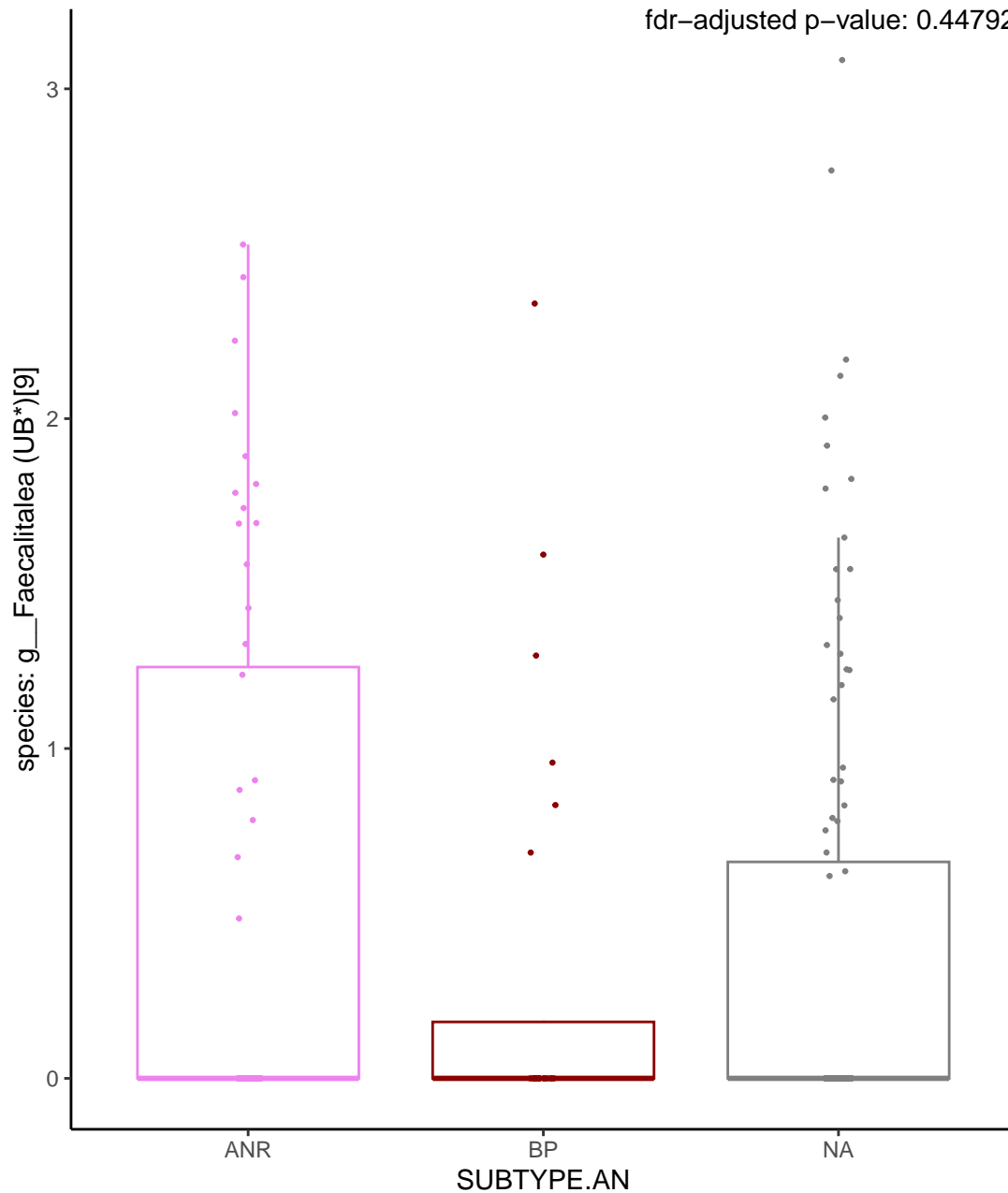
fdr-adjusted p-value: 0.44792

species: g__Faecalitalea (UB*)[9]

SUBTYPE.AN

ANR

BP



anova p-value: 0.24322

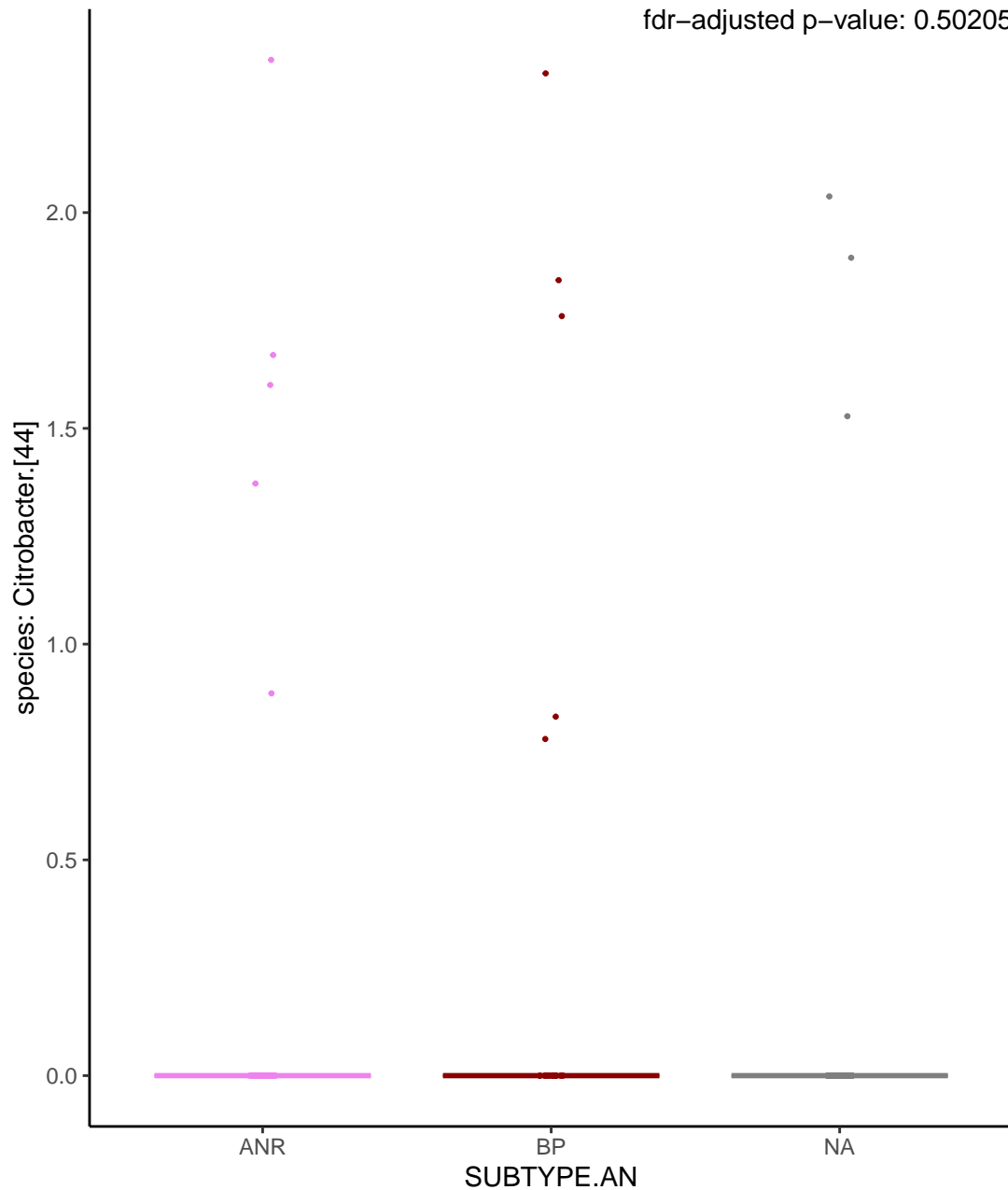
fdr-adjusted p-value: 0.50205

species: Citrobacter.[44]

SUBTYPE.AN

ANR

BP



anova p-value: 0.24629

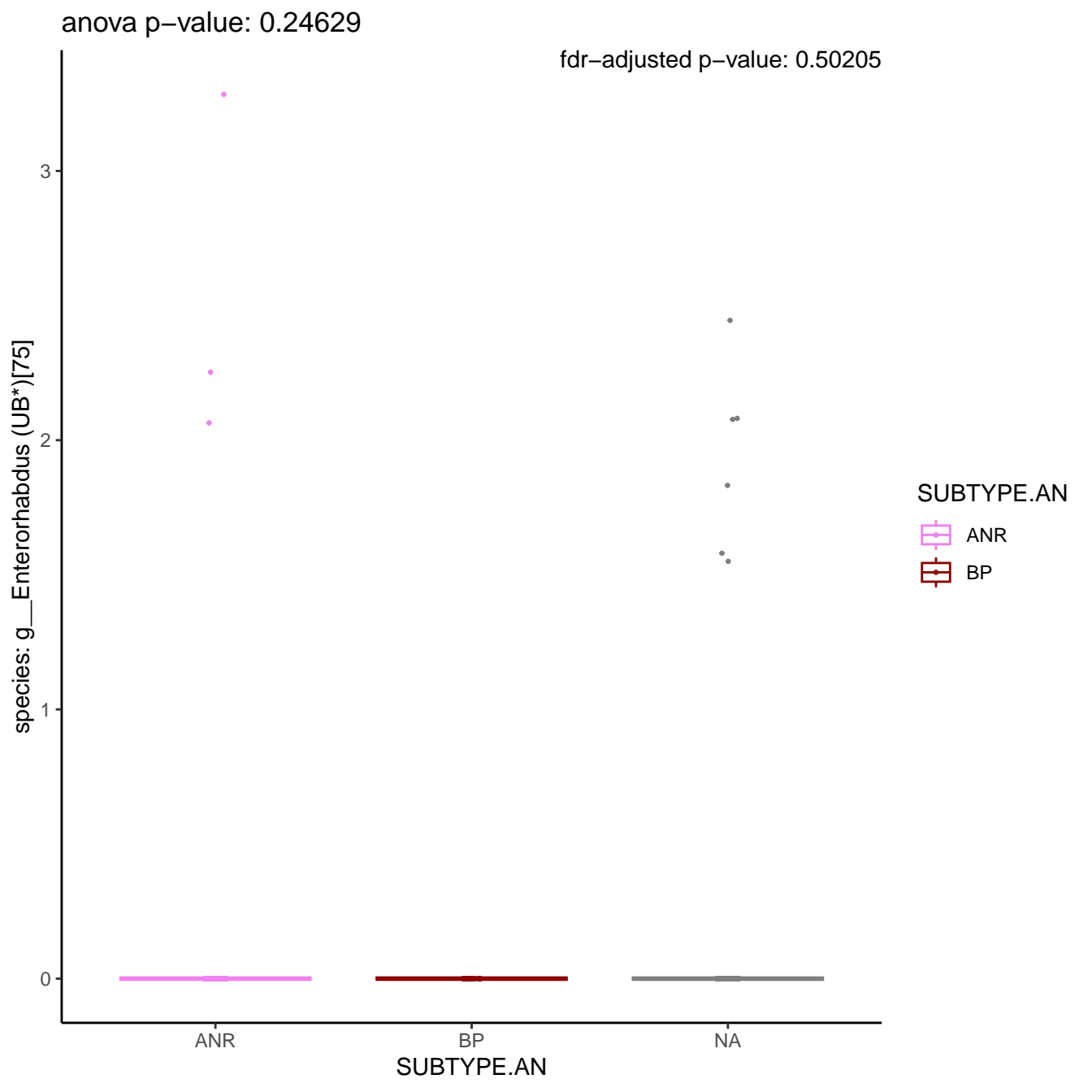
fdr-adjusted p-value: 0.50205

species: g__Enterorhabdus (UB*)[75]

SUBTYPE.AN

ANR

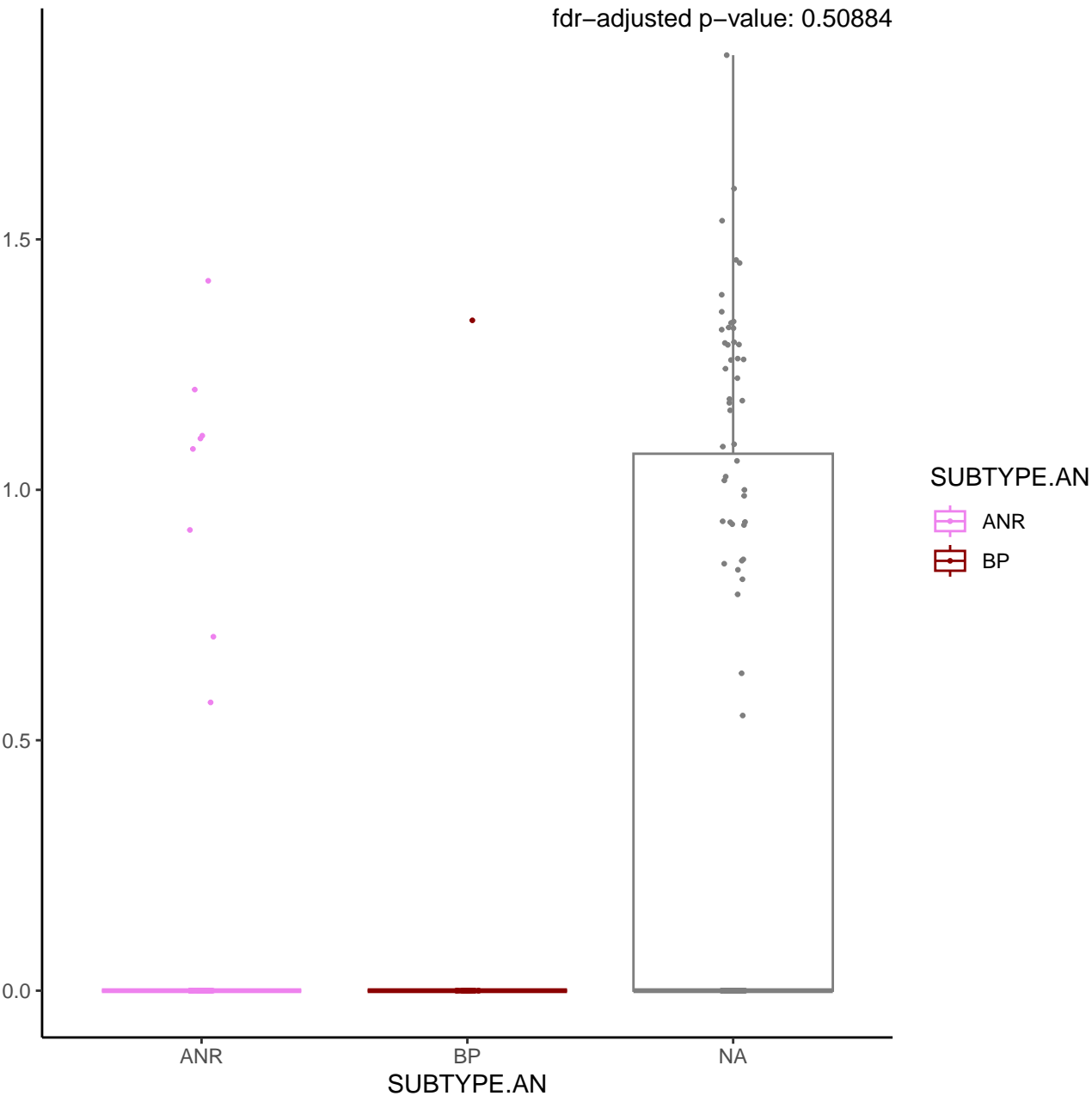
BP



anova p-value: 0.25282

fdr-adjusted p-value: 0.50884

species: g__Lachnospiraceae_FCS020_group (UB*)[162]



anova p-value: 0.28334

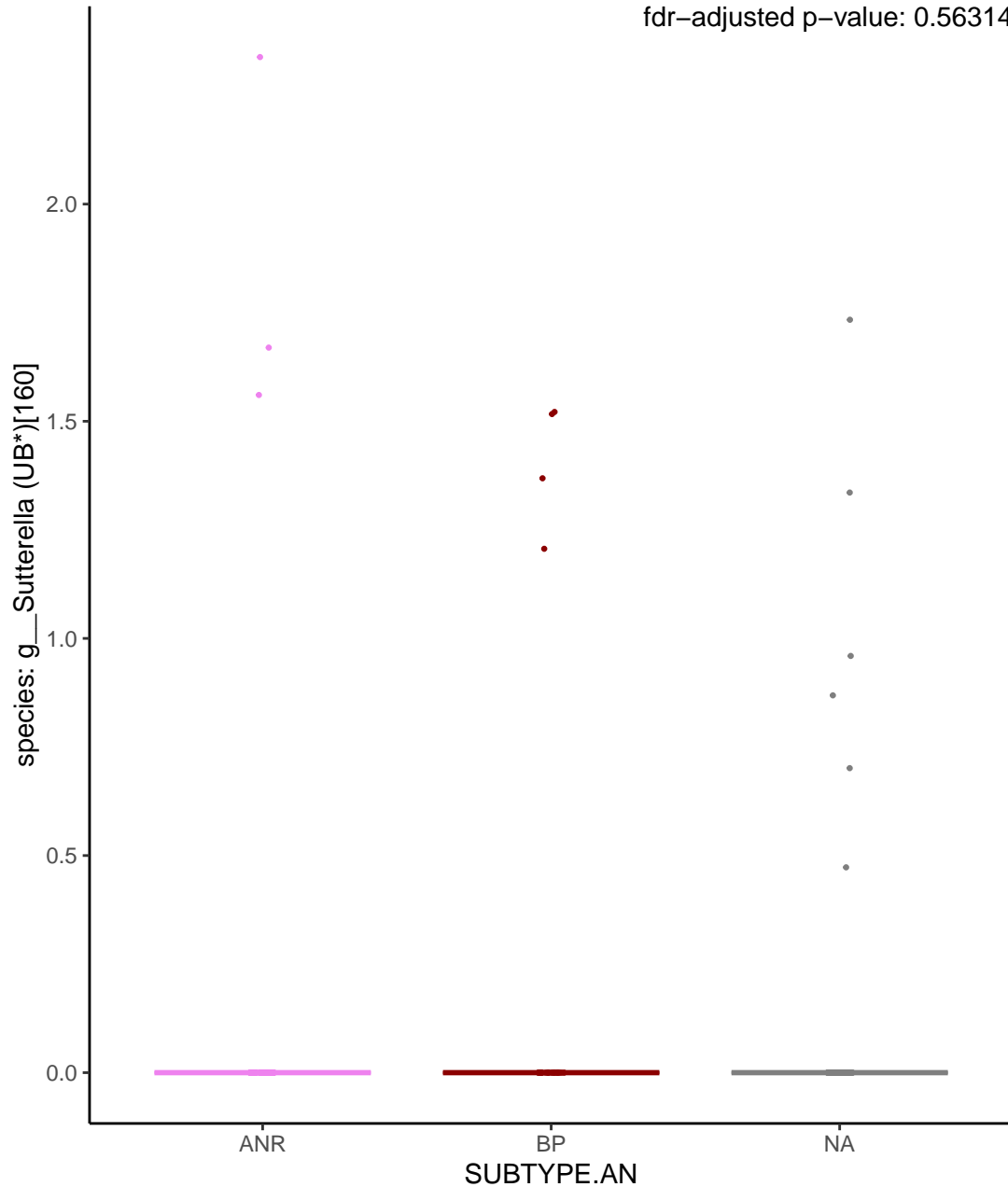
fdr-adjusted p-value: 0.56314

species: g__Sutterella (UB*)[160]

SUBTYPE.AN

ANR

BP



anova p-value: 0.29155

fdr-adjusted p-value: 0.5723

species: Eubacterium.[38]

SUBTYPE.AN

ANR

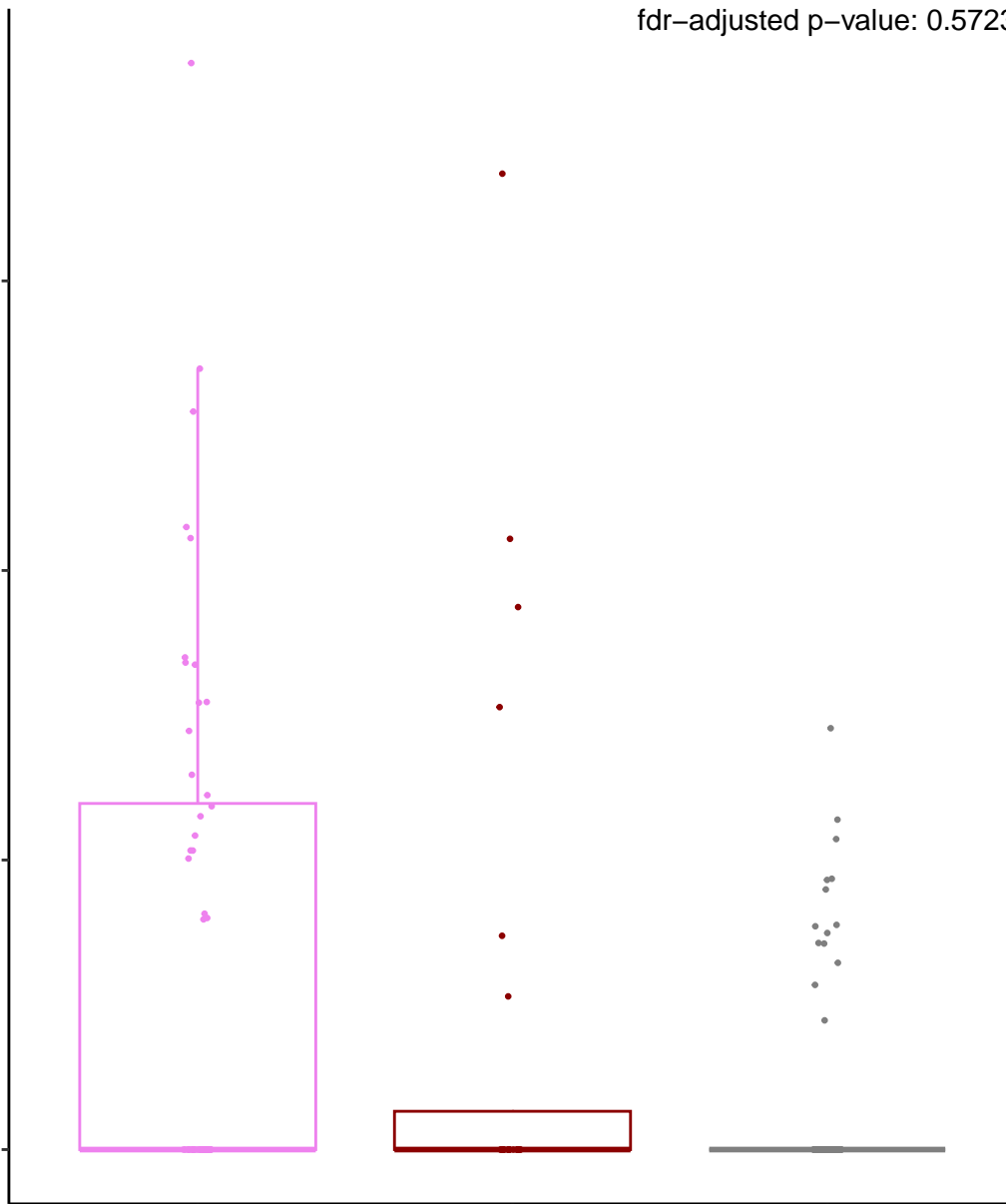
BP

ANR

BP

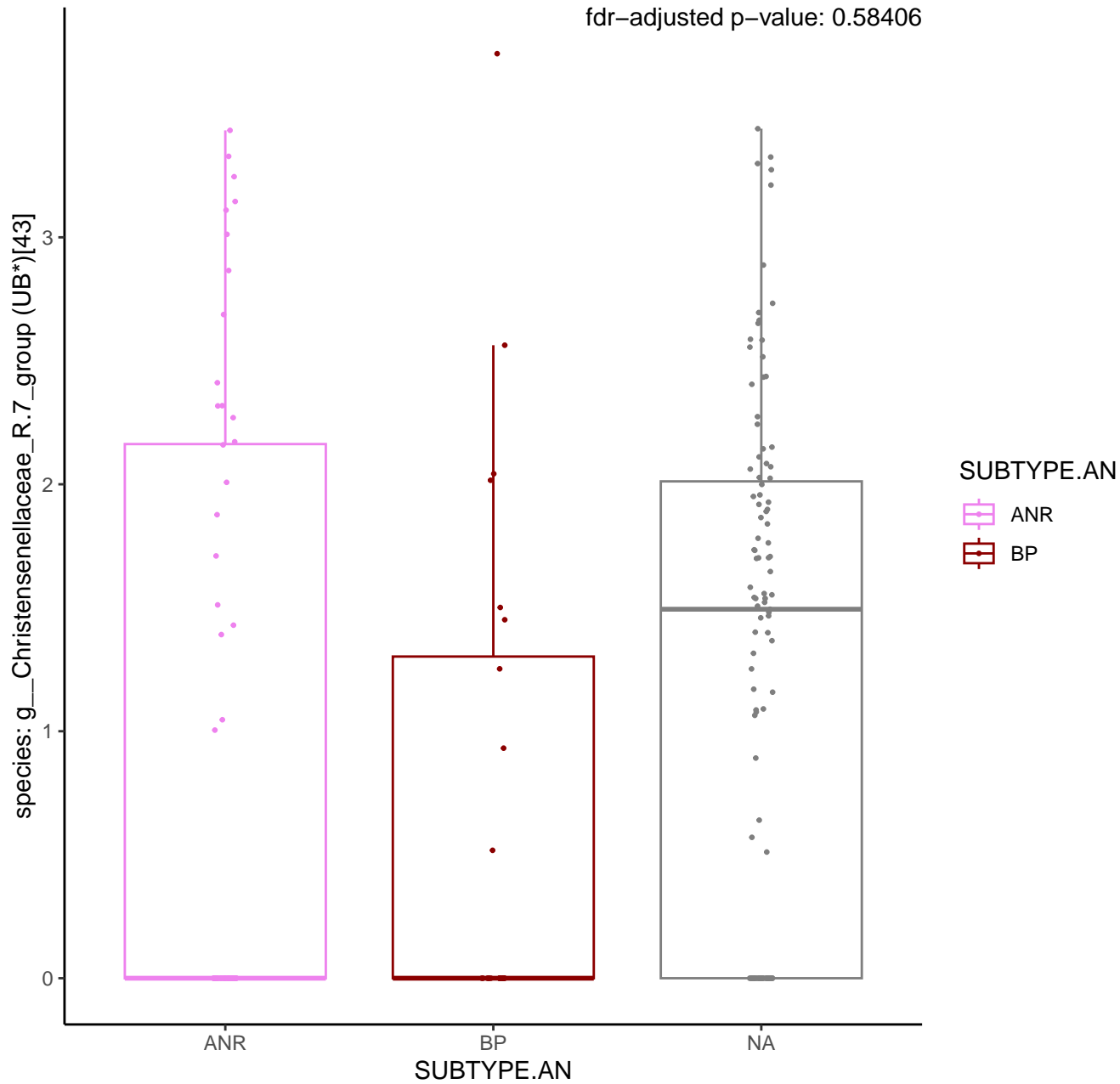
NA

SUBTYPE.AN



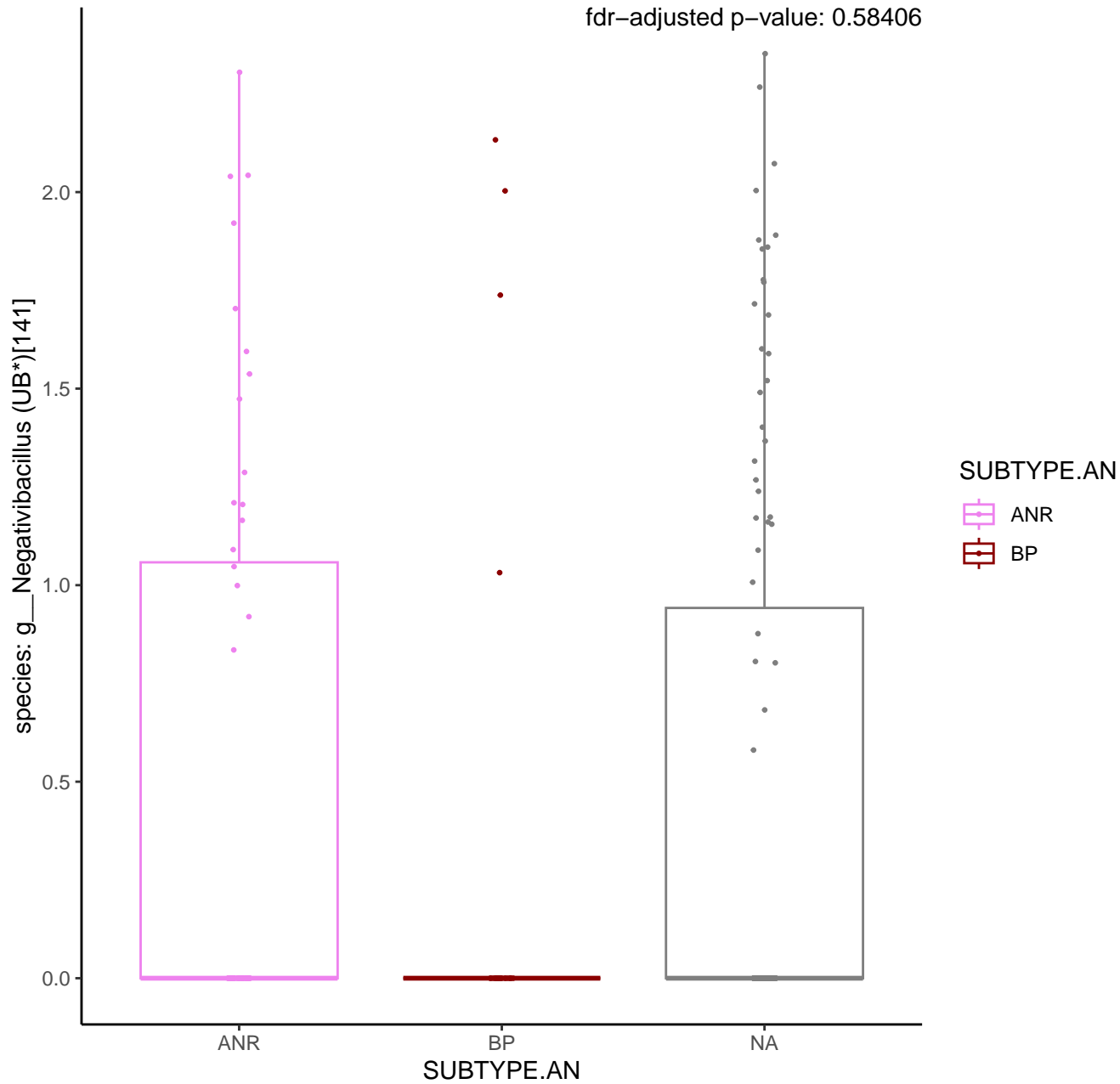
anova p-value: 0.30329

fdr-adjusted p-value: 0.58406



anova p-value: 0.30489

fdr-adjusted p-value: 0.58406



anova p-value: 0.31198

fdr-adjusted p-value: 0.59053

species: uncultured.[98]

SUBTYPE.AN

ANR

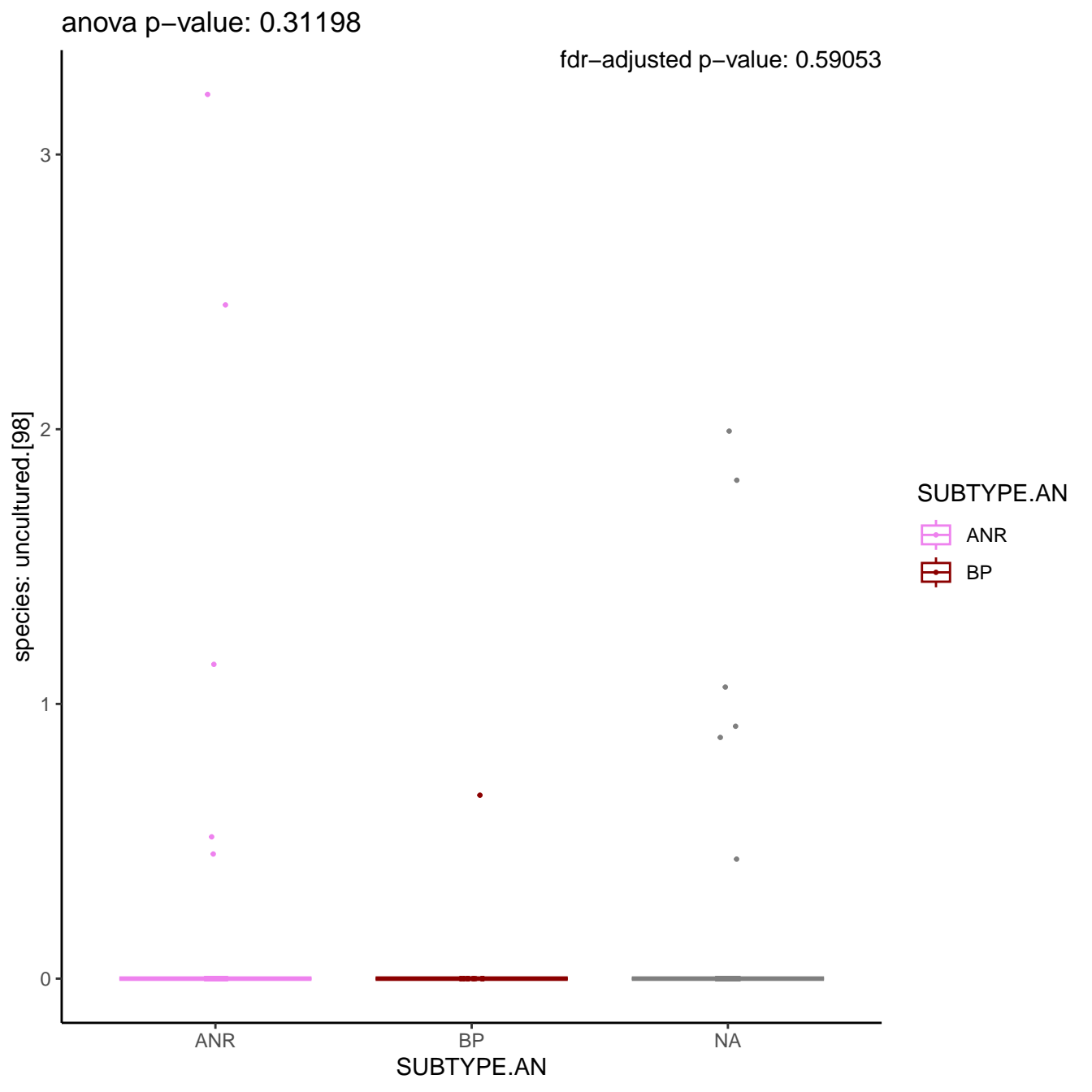
BP

ANR

BP

NA

SUBTYPE.AN



anova p-value: 0.316

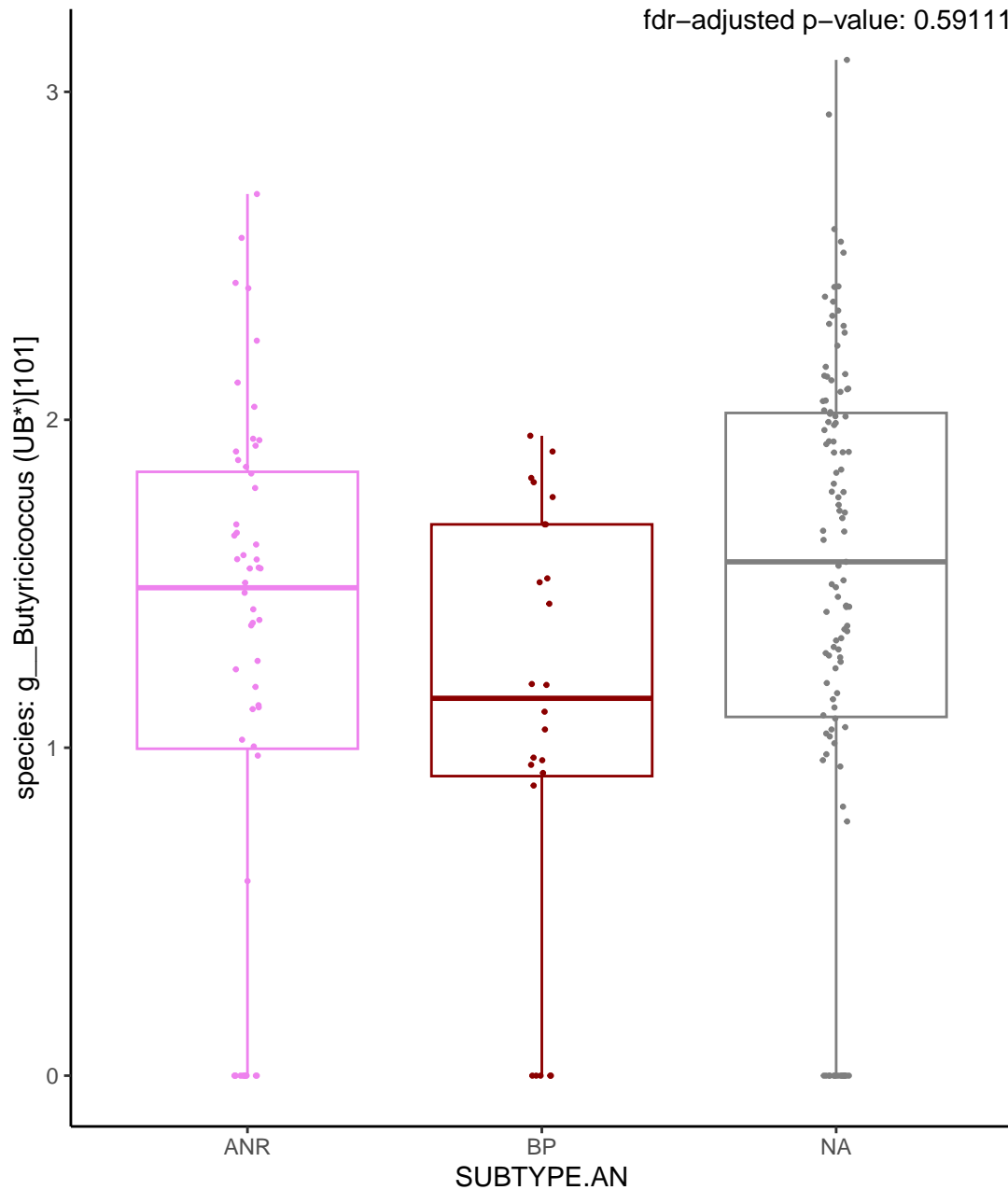
fdr-adjusted p-value: 0.59111

species: g__Butyrivibrio (UB*)[101]

SUBTYPE.AN

ANR

BP



anova p-value: 0.32025

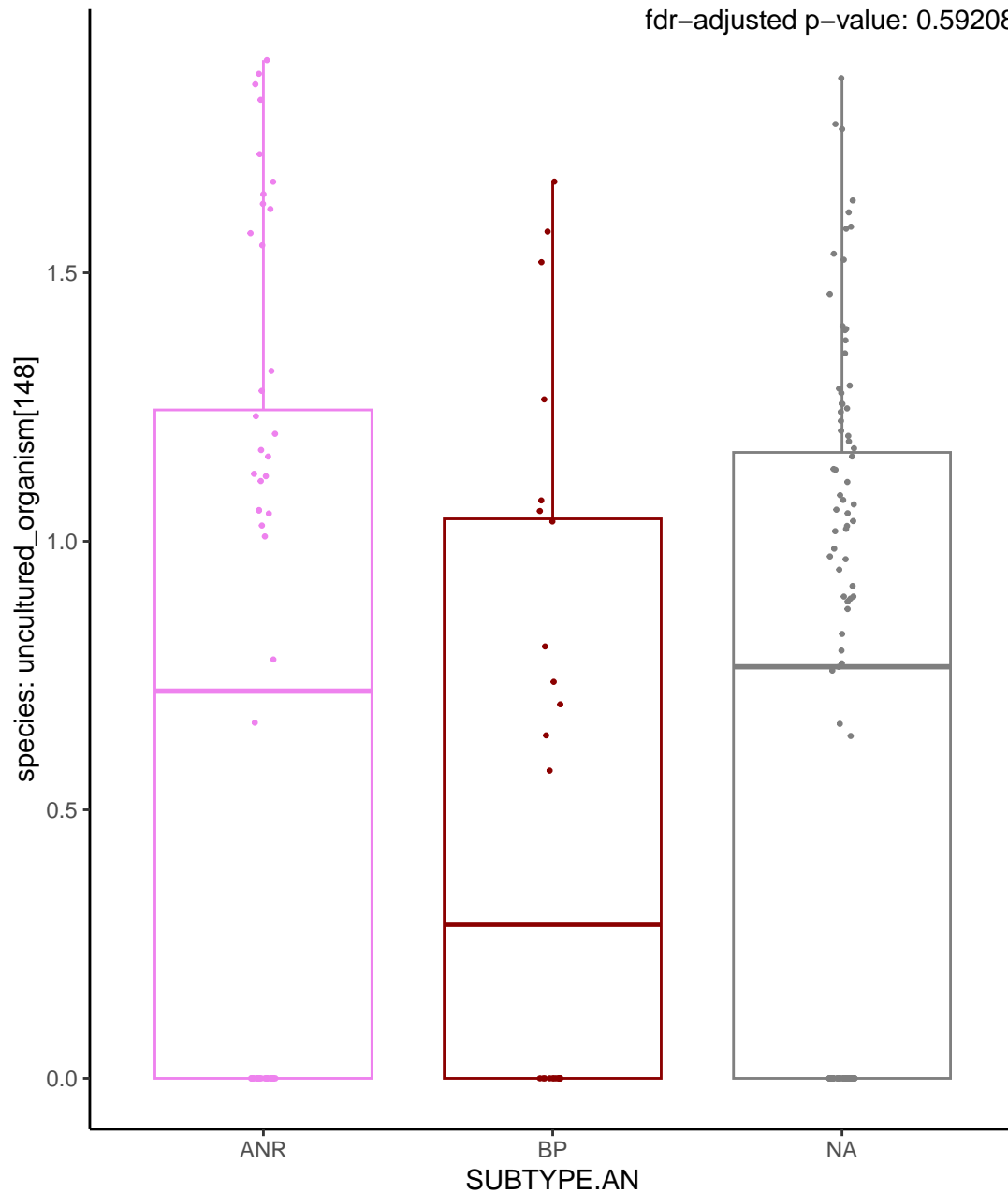
fdr-adjusted p-value: 0.59208

species: uncultured_organism[148]

SUBTYPE.AN

ANR

BP



anova p-value: 0.33691

fdr-adjusted p-value: 0.61574



SUBTYPE.AN

 ANR



ANR

BP

NA

SUBTYPE.AN

anova p-value: 0.341

fdr-adjusted p-value: 0.61612

species: Ruminococcus.[99]

SUBTYPE.AN

ANR

BP

0

ANR

BP

NA

SUBTYPE.AN

3

2

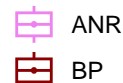
1

anova p-value: 0.35876

fdr-adjusted p-value: 0.64093

species: *Desulfovibrio*. [95]

SUBTYPE.AN

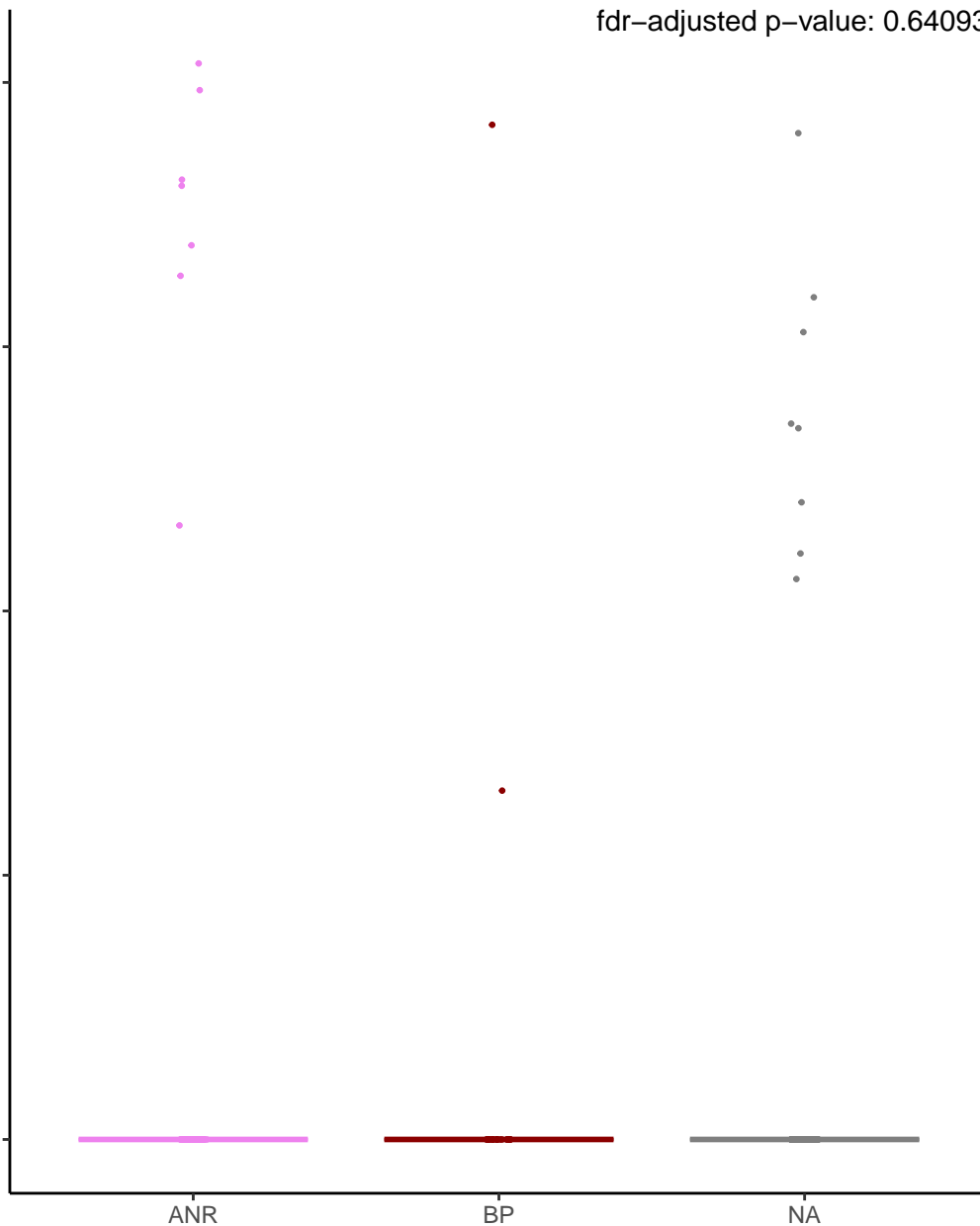


ANR

BP

NA

SUBTYPE.AN



anova p-value: 0.36624

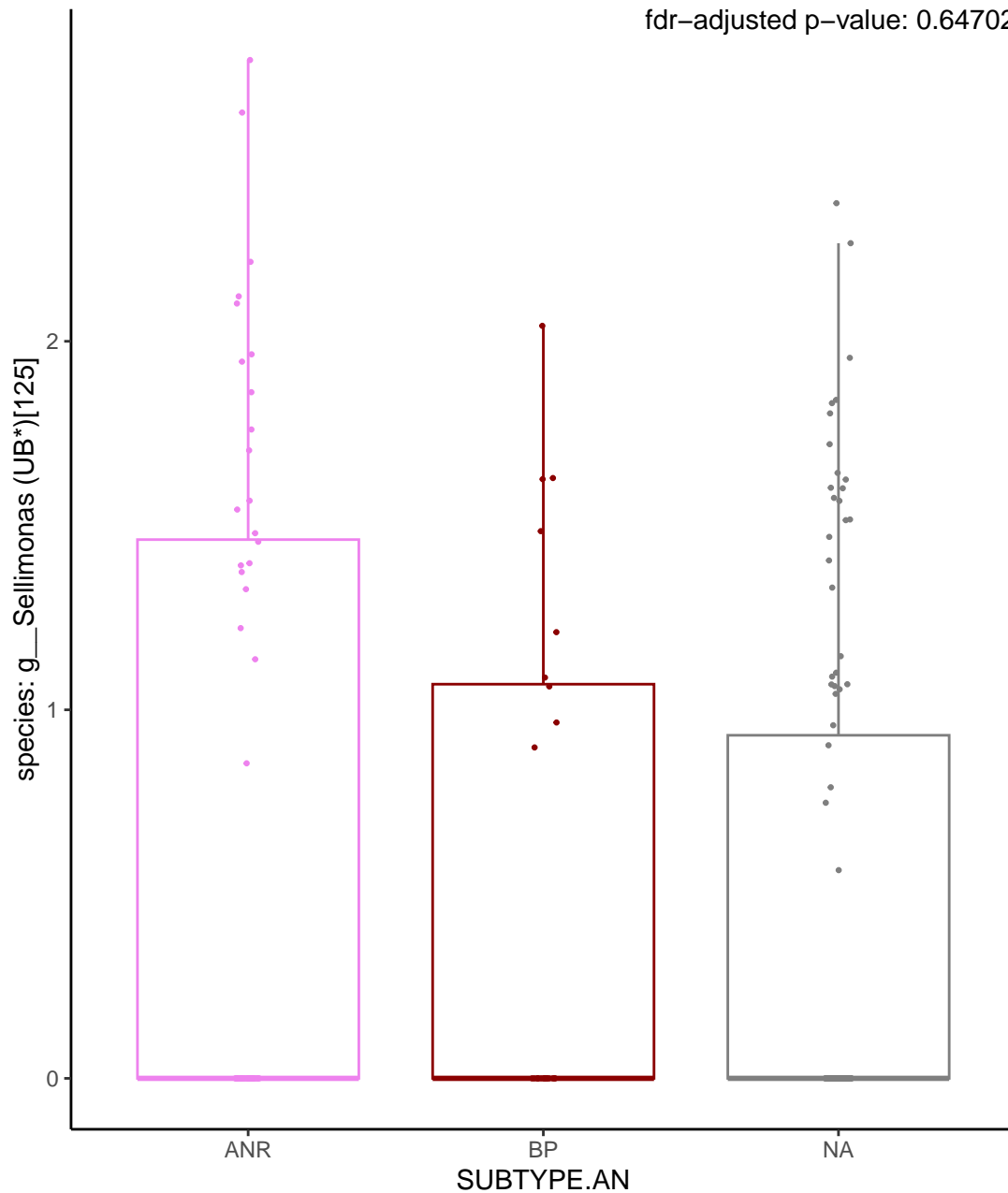
fdr-adjusted p-value: 0.64702

species: g__Sellimonas (UB*)[125]

SUBTYPE.AN

ANR

BP



anova p-value: 0.3704

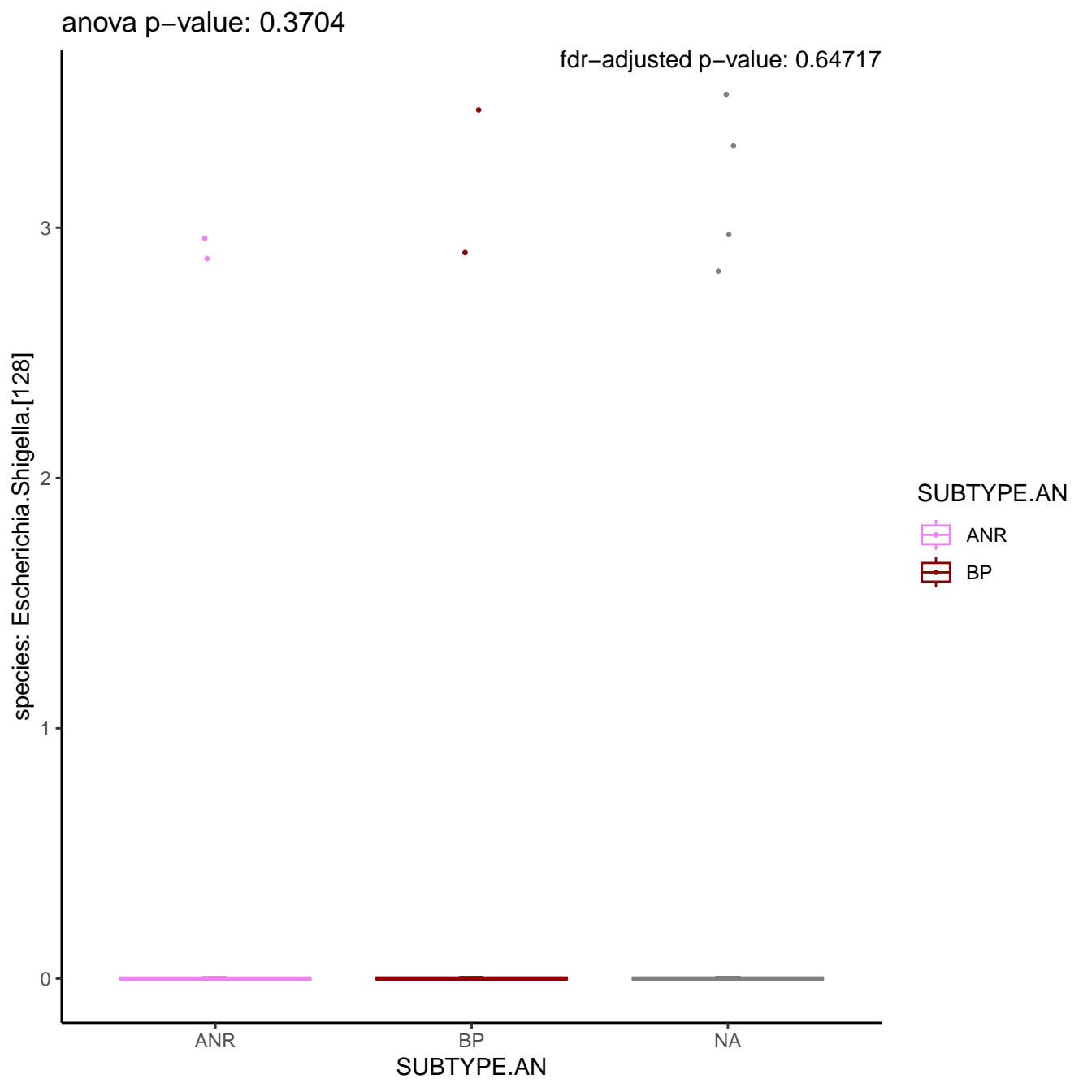
fdr-adjusted p-value: 0.64717

species: Escherichia.Shigella.[128]

SUBTYPE.AN

ANR

BP



anova p-value: 0.40301

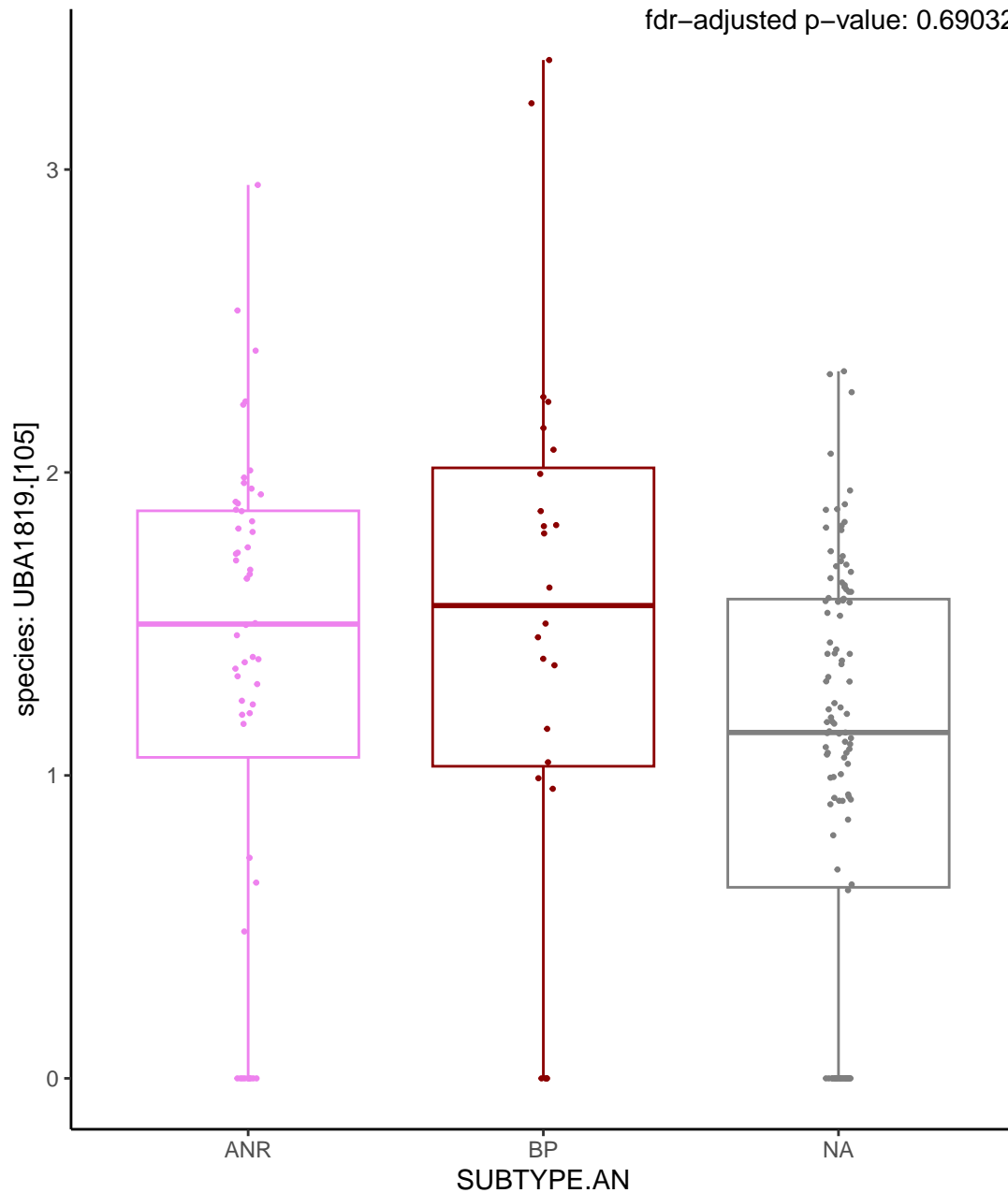
fdr-adjusted p-value: 0.69032

species: UBA1819.[105]

SUBTYPE.AN

ANR

BP



anova p-value: 0.40377

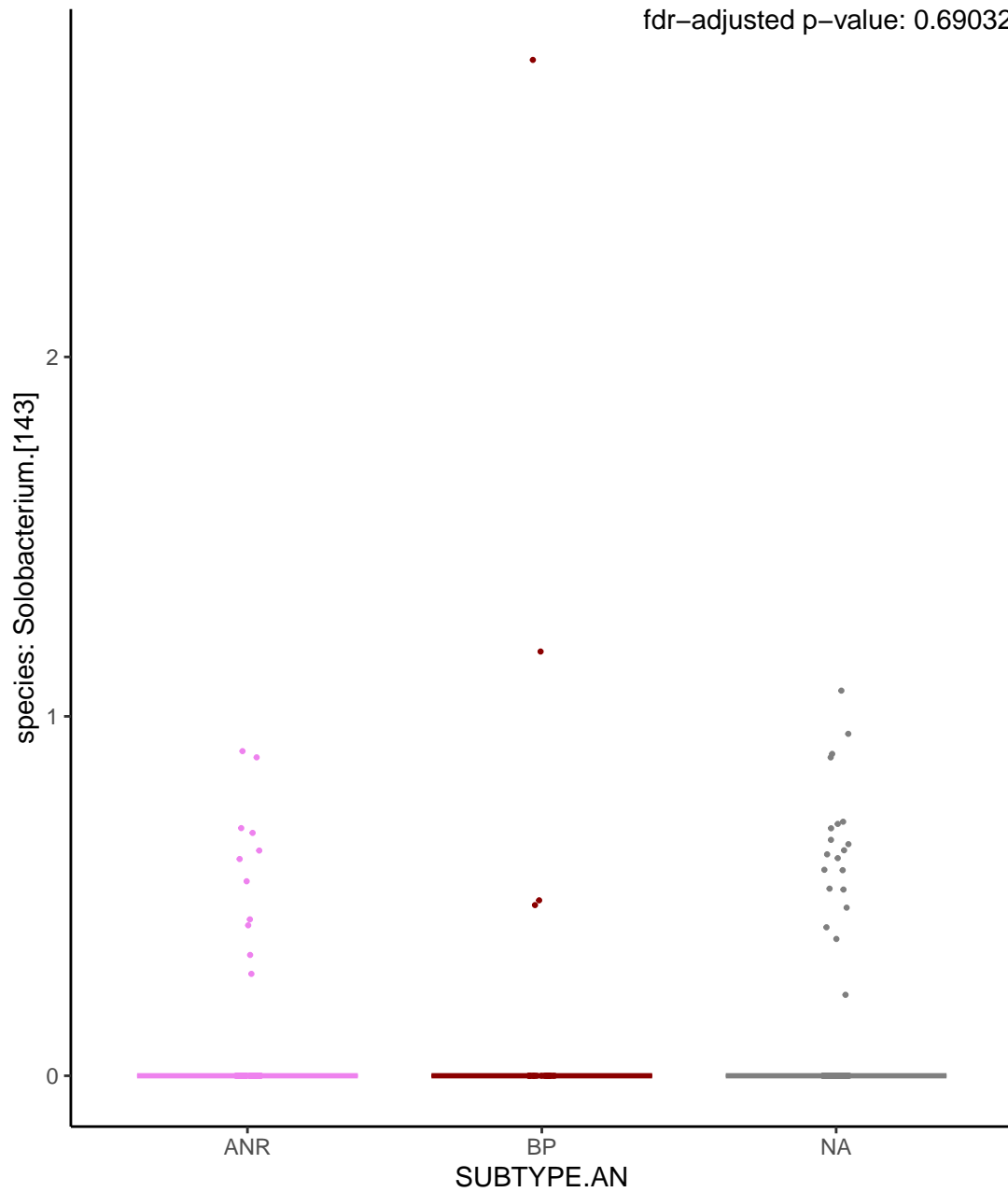
fdr-adjusted p-value: 0.69032

species: Solobacterium.[143]

SUBTYPE.AN

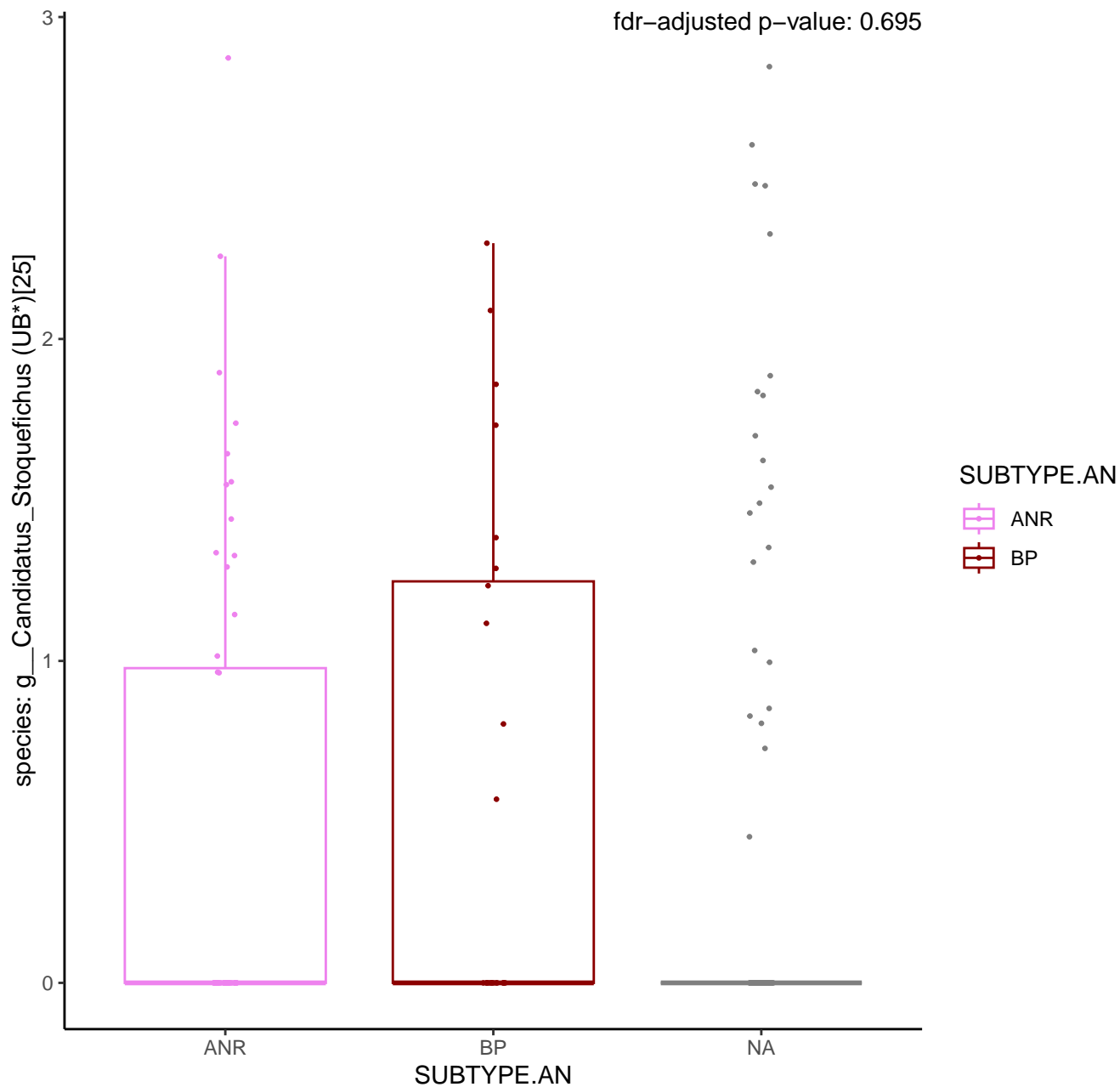
ANR

BP



anova p-value: 0.41088

fdr-adjusted p-value: 0.695



anova p-value: 0.43162

fdr-adjusted p-value: 0.72233

species: Streptococcus.[89]

SUBTYPE.AN

ANR

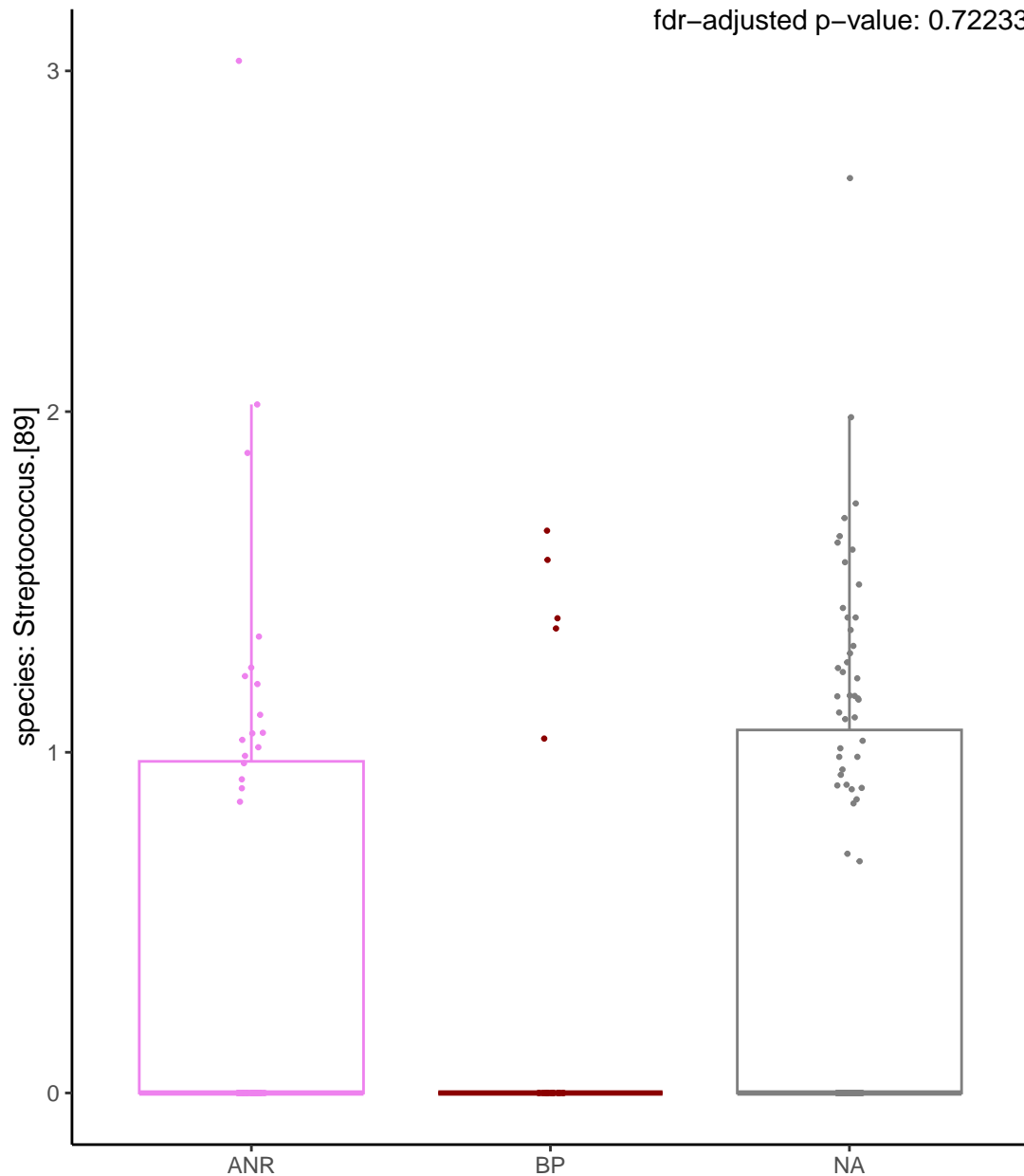
BP

ANR

BP

NA

SUBTYPE.AN



anova p-value: 0.43835

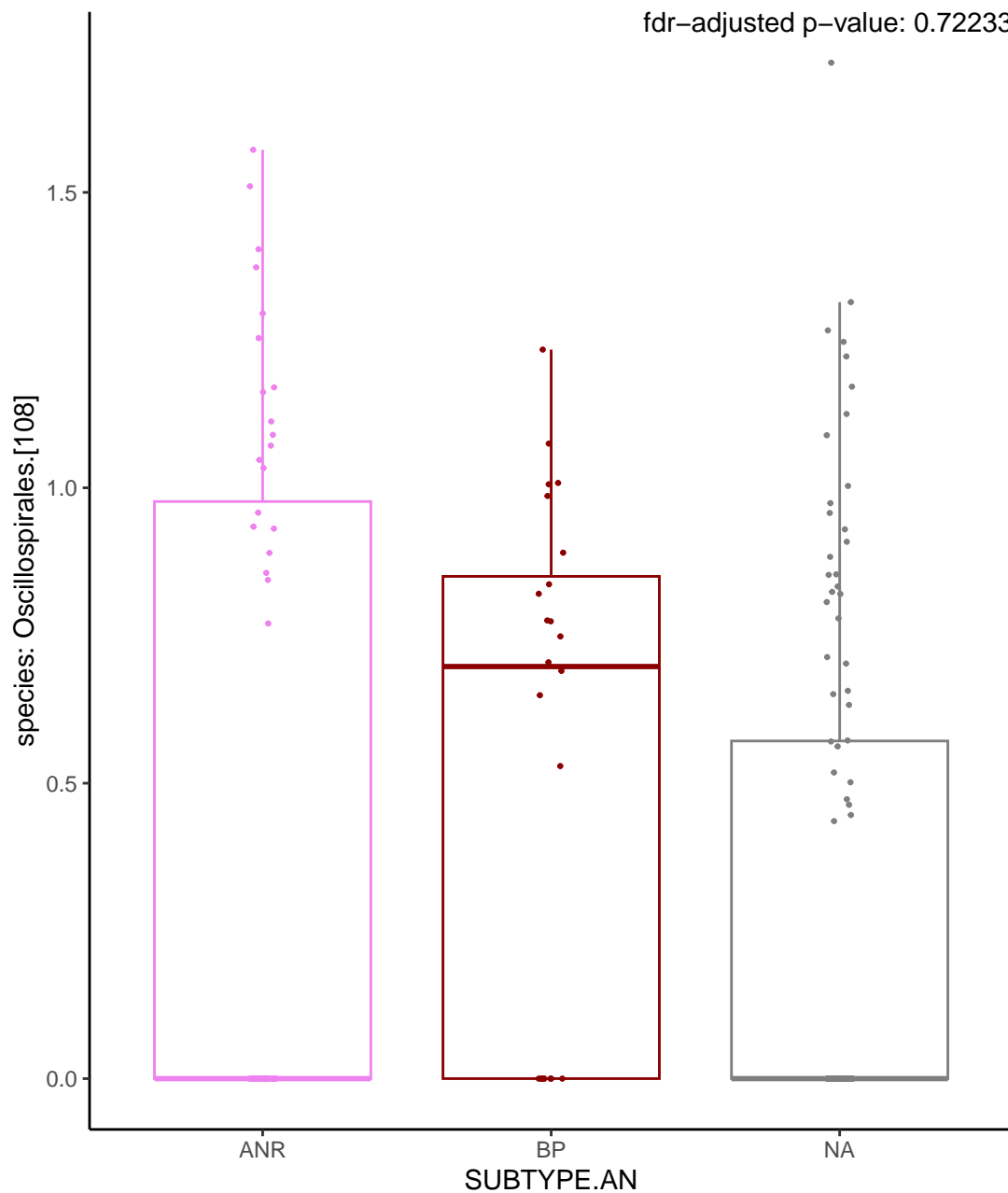
fdr-adjusted p-value: 0.72233

species: Oscillospirales.[108]

SUBTYPE.AN

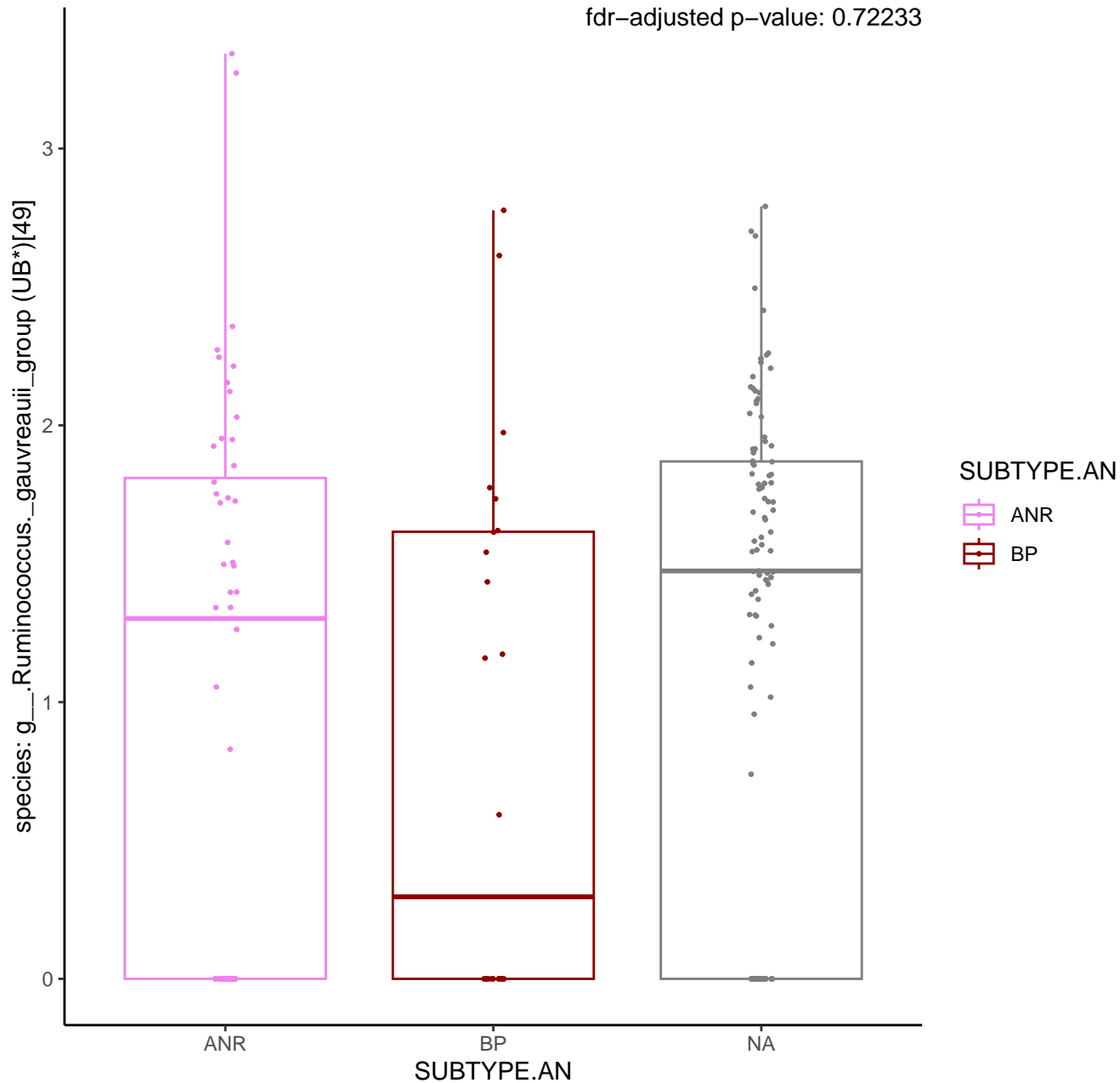
ANR

BP



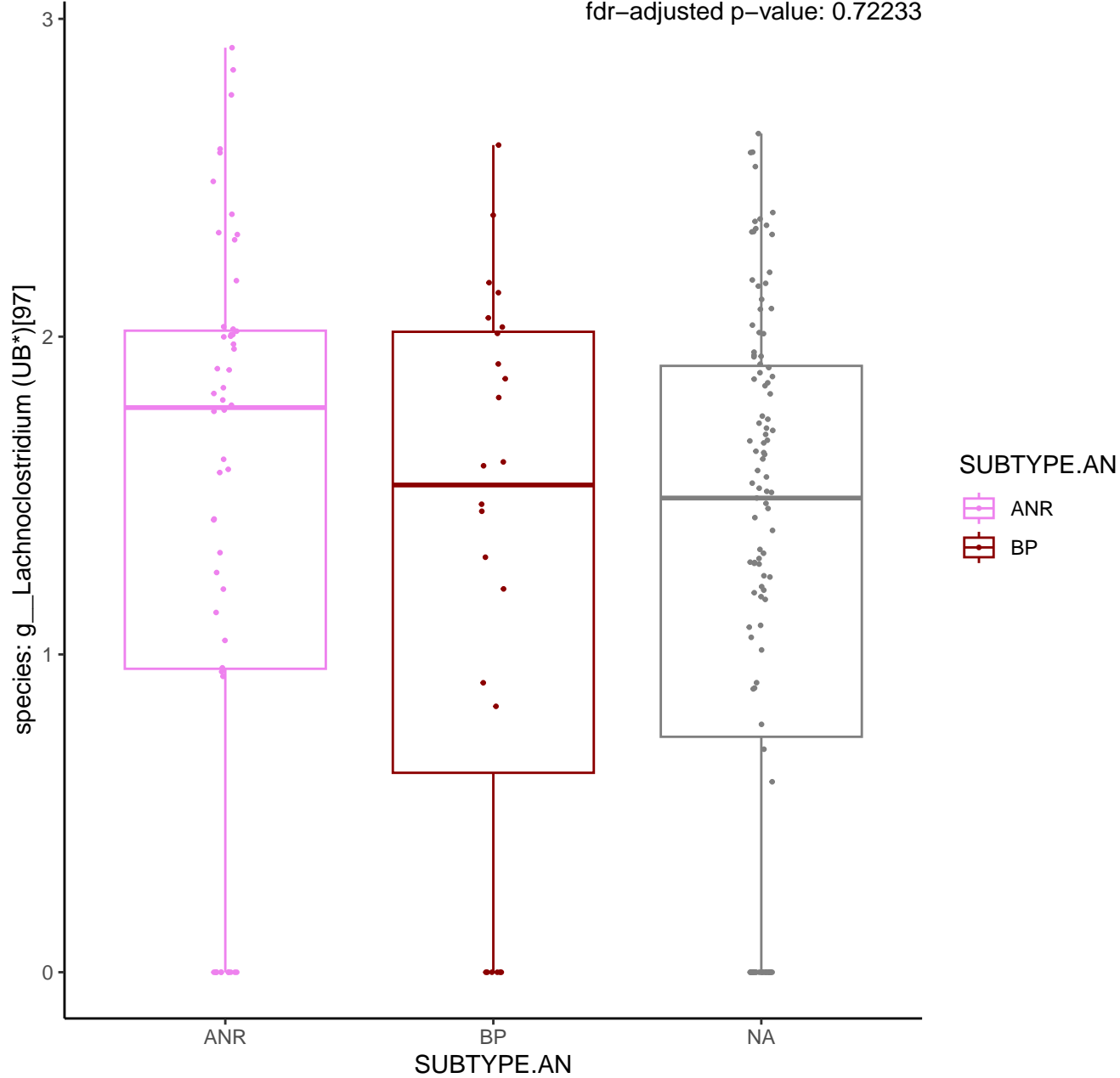
anova p-value: 0.44375

fdr-adjusted p-value: 0.72233



anova p-value: 0.44802

fdr-adjusted p-value: 0.72233



anova p-value: 0.44976

fdr-adjusted p-value: 0.72233

species: g__Dialister (UB*)[12]

SUBTYPE.AN

ANR

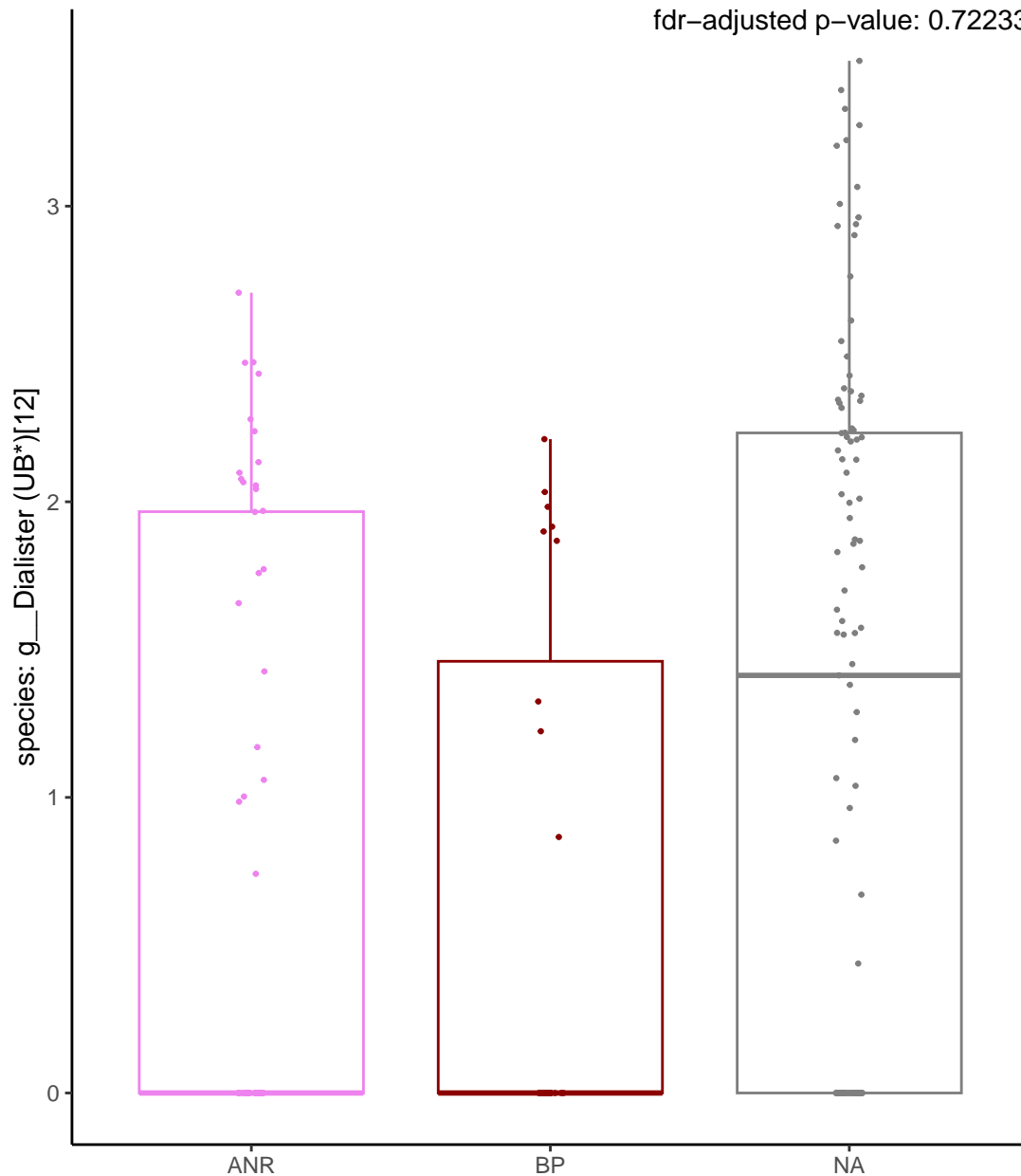
BP

ANR

BP

NA

SUBTYPE.AN



anova p-value: 0.46054

fdr-adjusted p-value: 0.73226

species: g__Turicibacter (UB*)[70]

SUBTYPE.AN

ANR

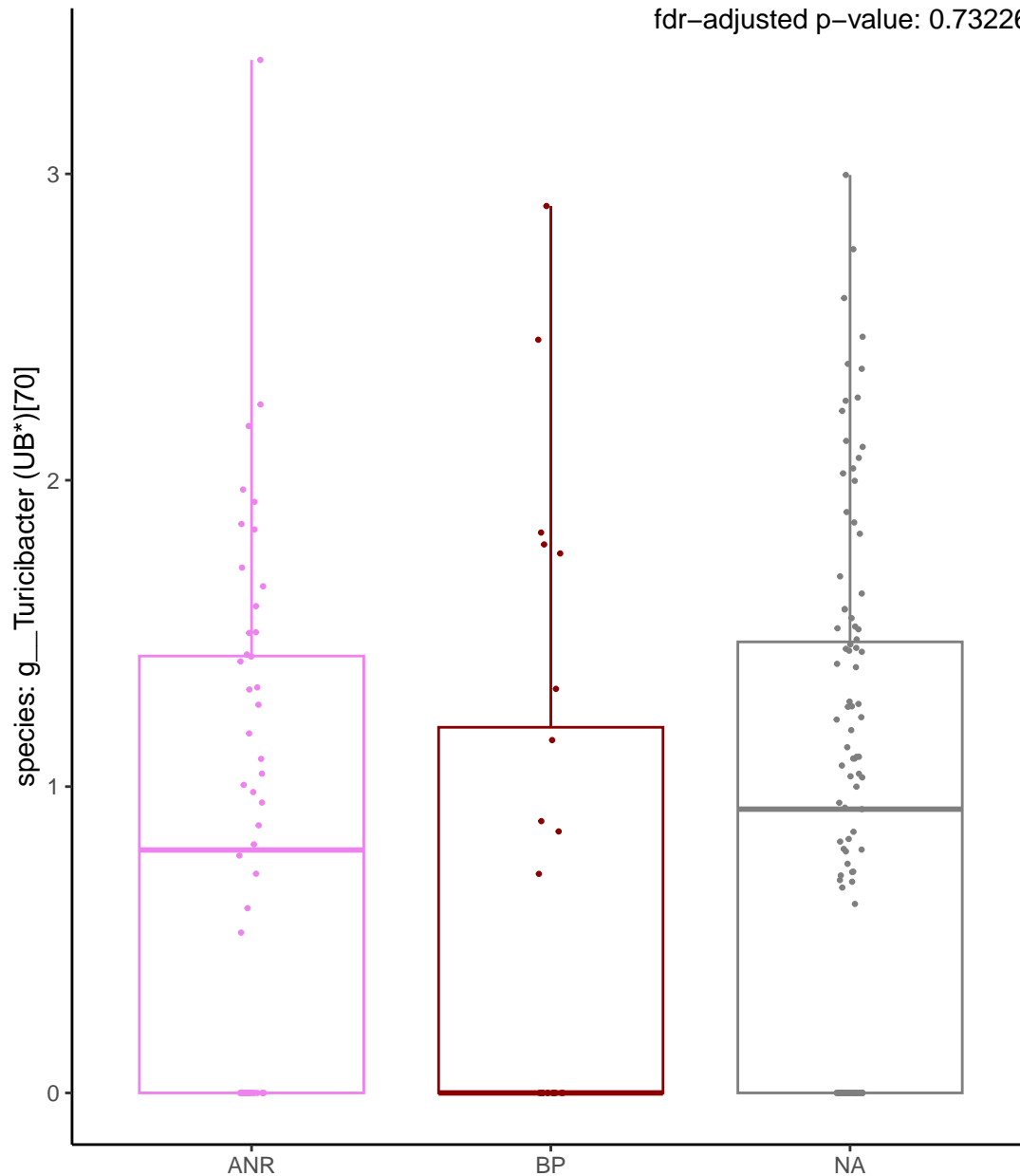
BP

ANR

BP

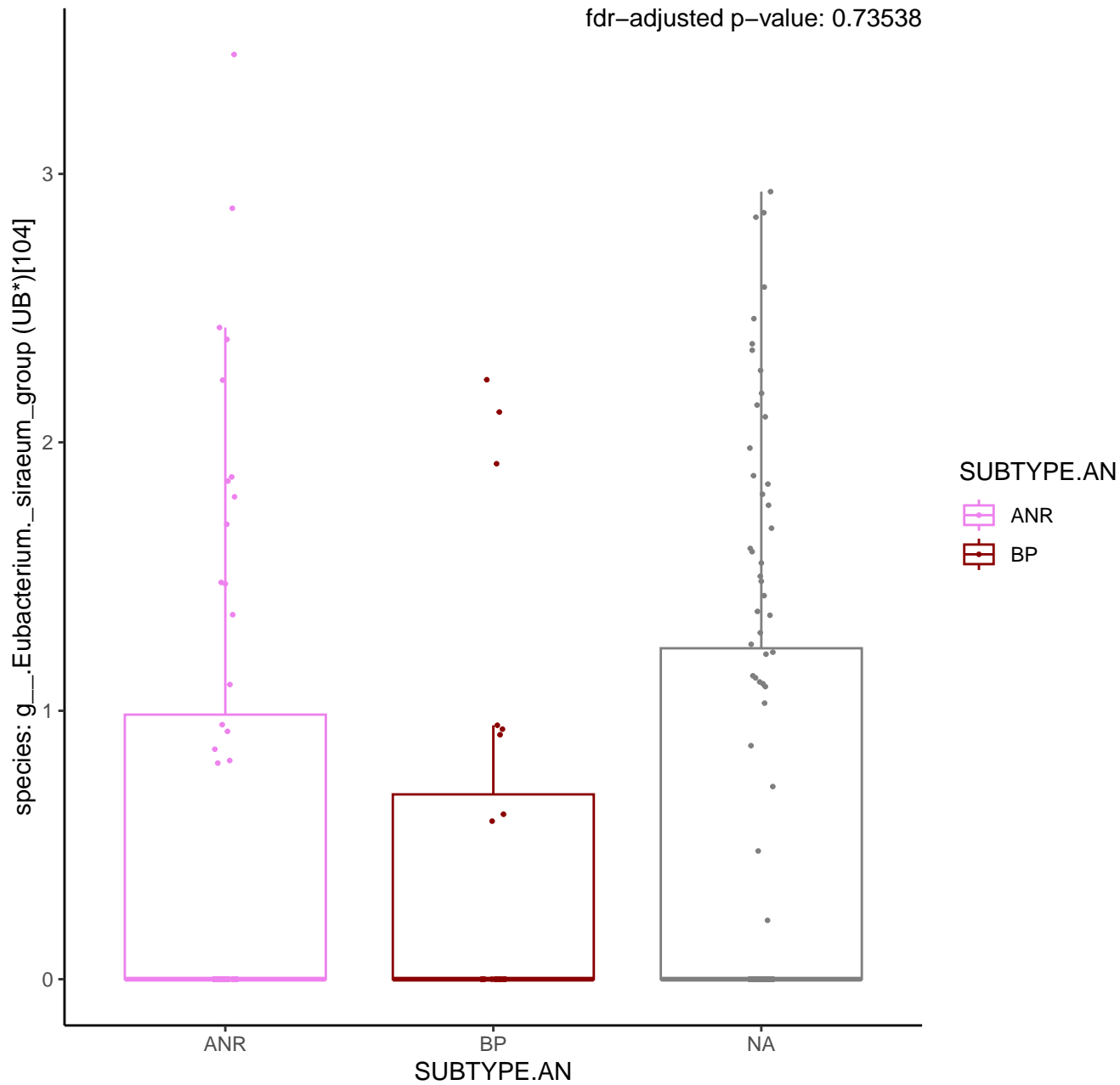
NA

SUBTYPE.AN



anova p-value: 0.46713

fdr-adjusted p-value: 0.73538



anova p-value: 0.50057

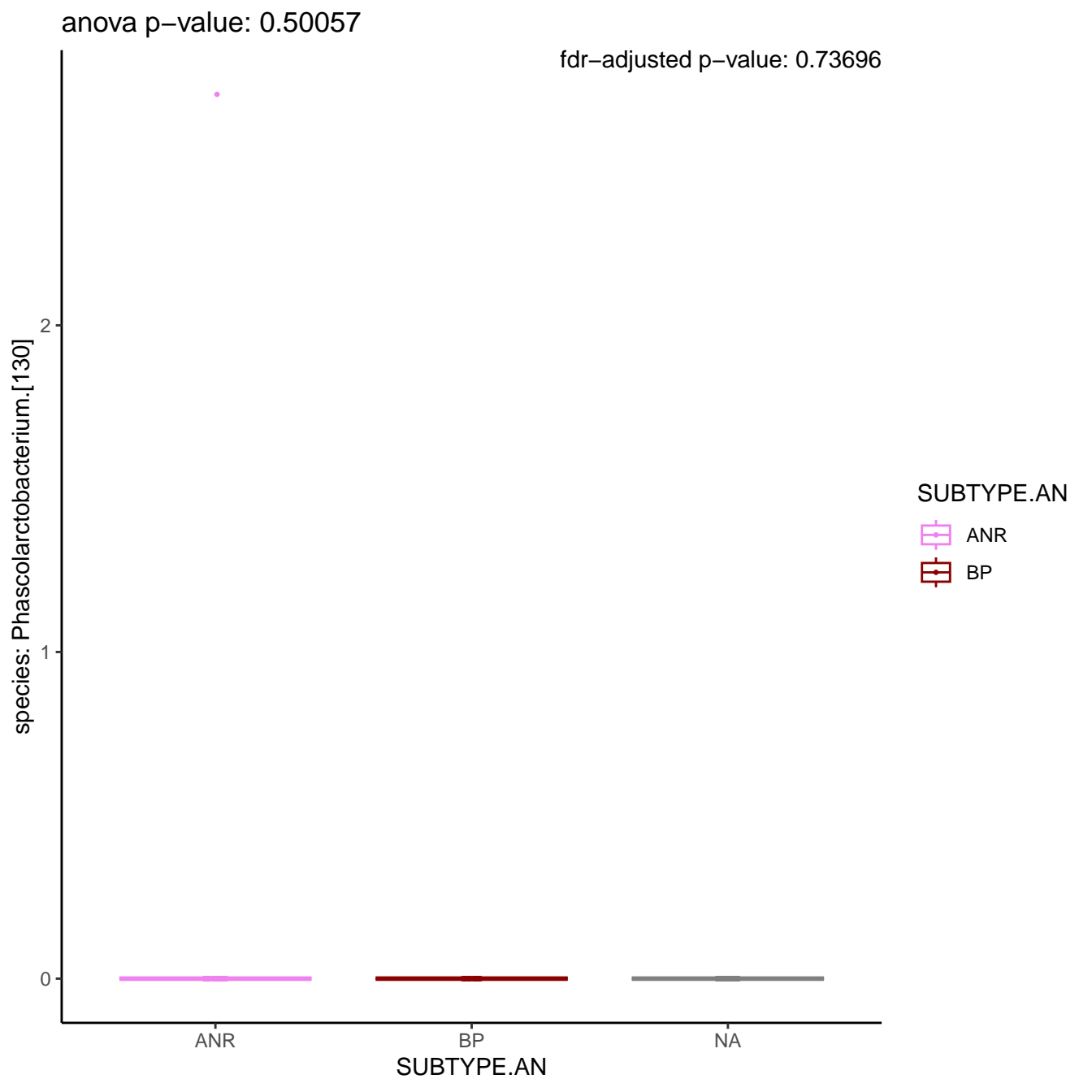
fdr-adjusted p-value: 0.73696

species: Phascolarctobacterium.[130]

SUBTYPE.AN

ANR

BP



anova p-value: 0.50057

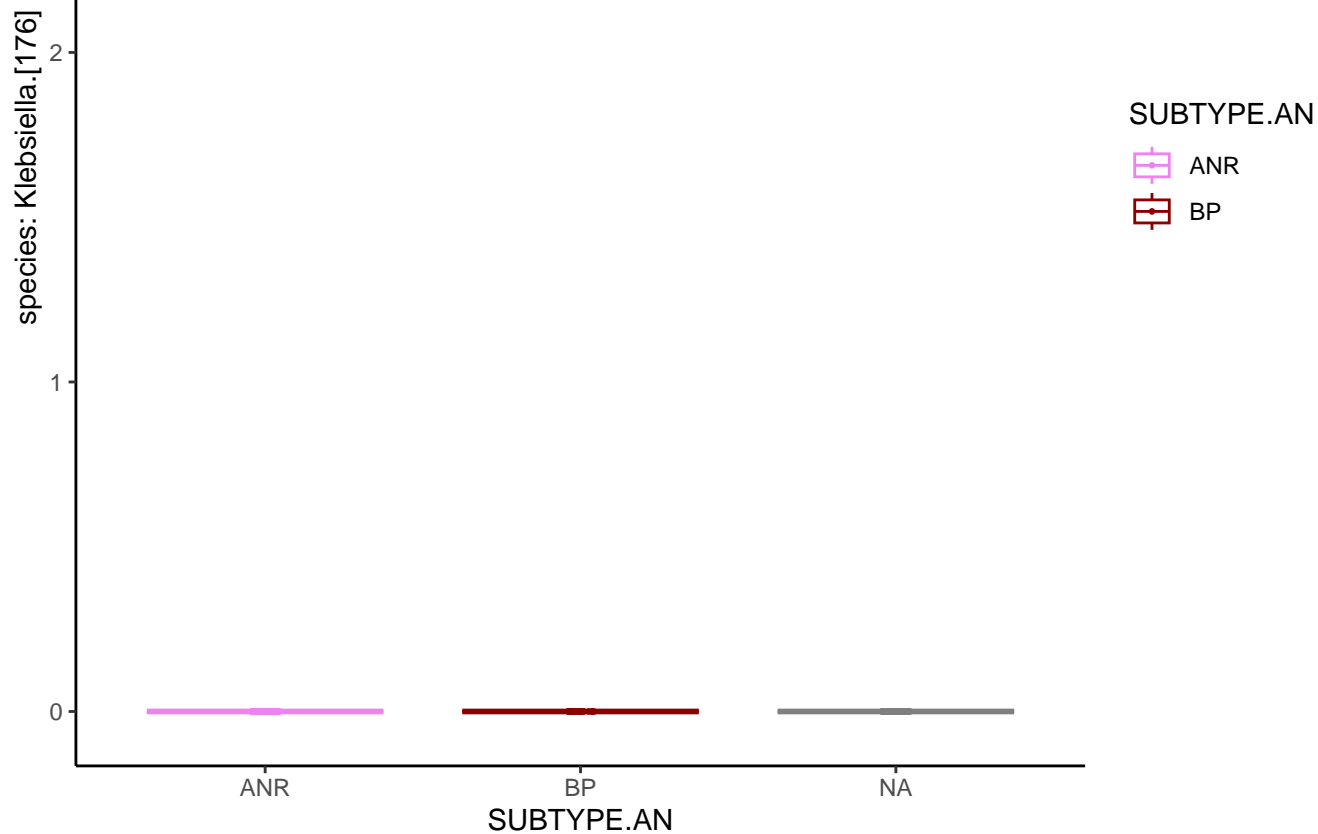
fdr-adjusted p-value: 0.73696

species: Klebsiella.[176]

SUBTYPE.AN

ANR

BP



anova p-value: 0.50057

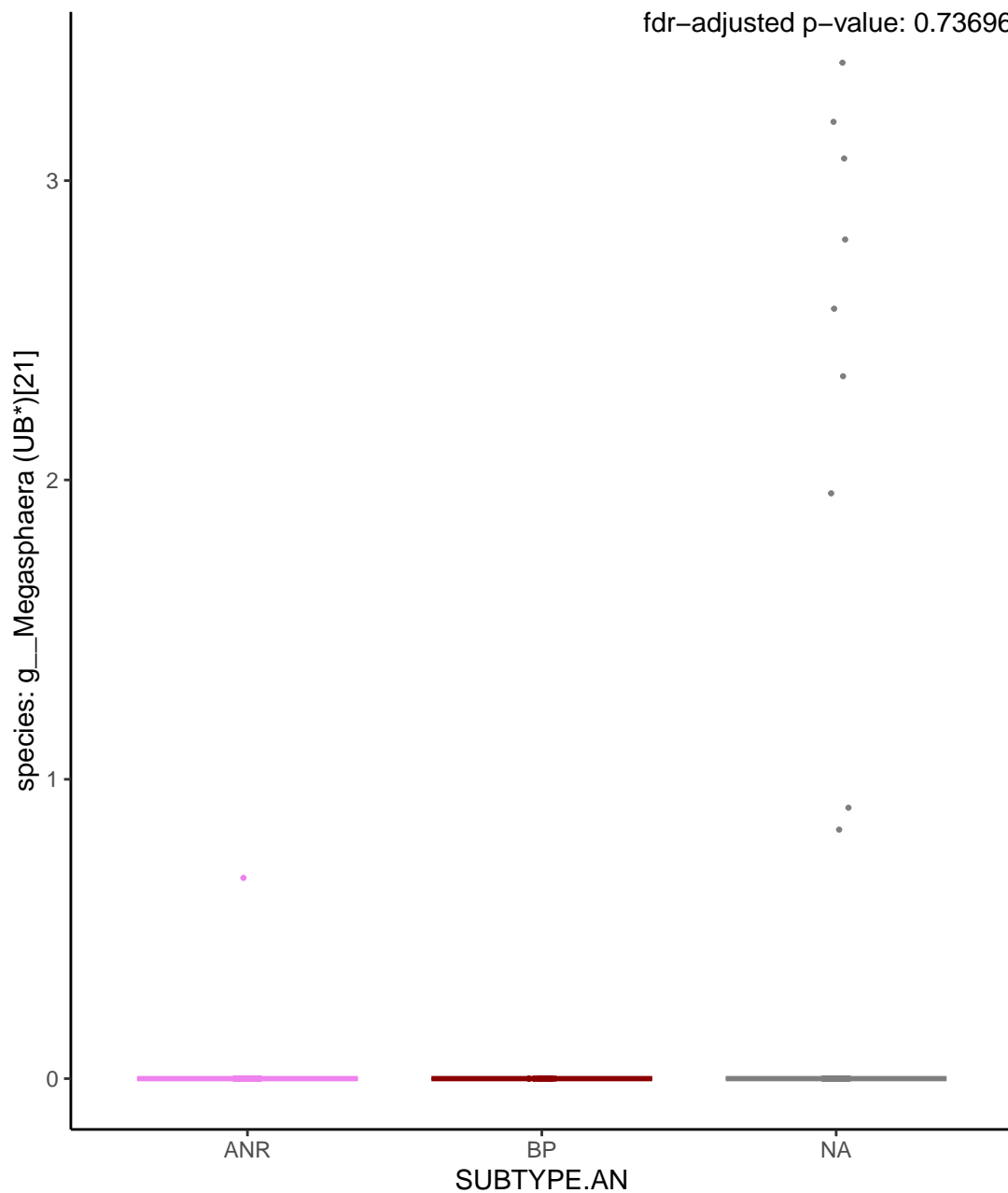
fdr-adjusted p-value: 0.73696

species: g__Megasphaera (UB*)[21]

SUBTYPE.AN

ANR

BP



anova p-value: 0.50057

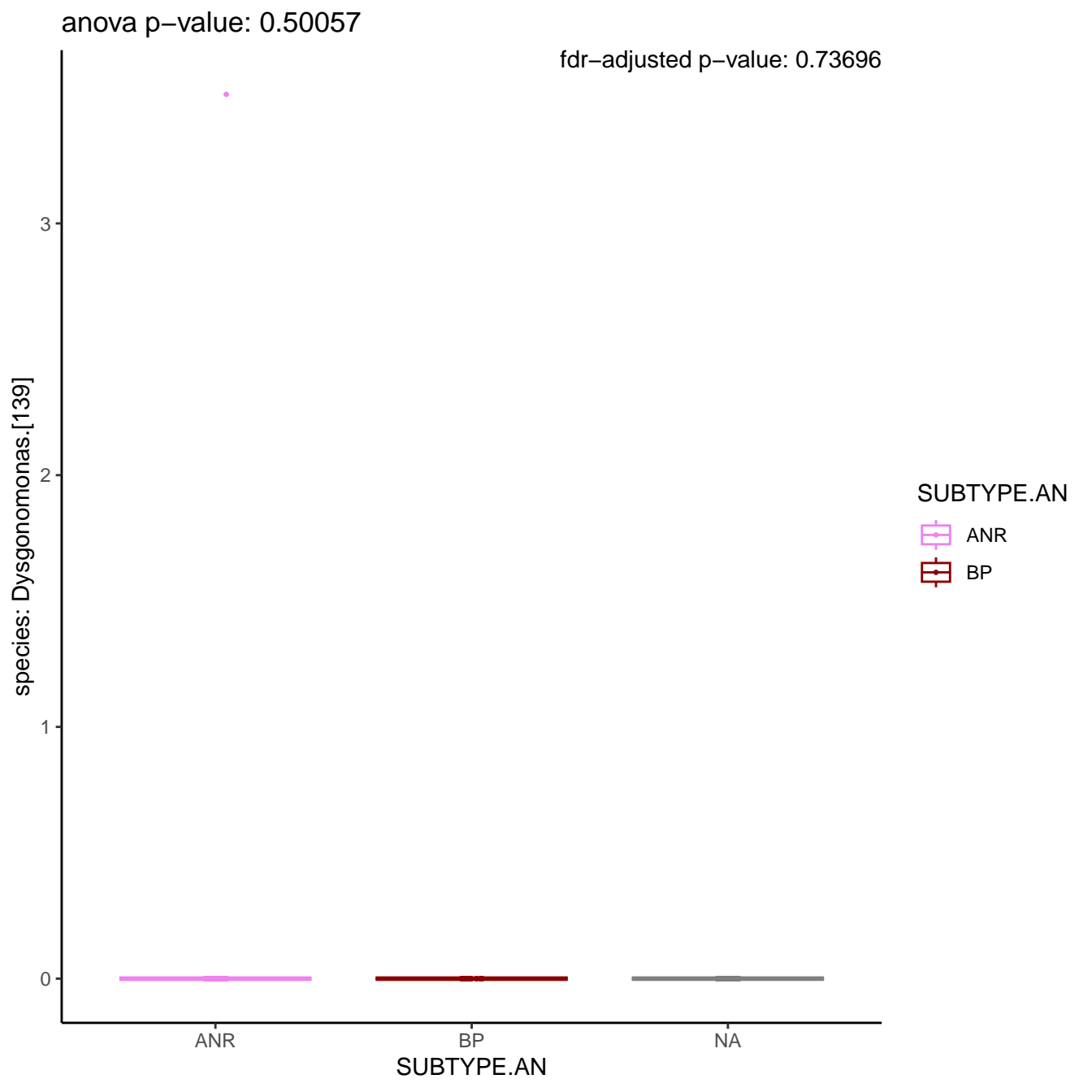
fdr-adjusted p-value: 0.73696

species: Dysgonomonas.[139]

SUBTYPE.AN

ANR

BP



anova p-value: 0.50057

fdr-adjusted p-value: 0.73696

species: Collinsella.[144]

SUBTYPE.AN

ANR

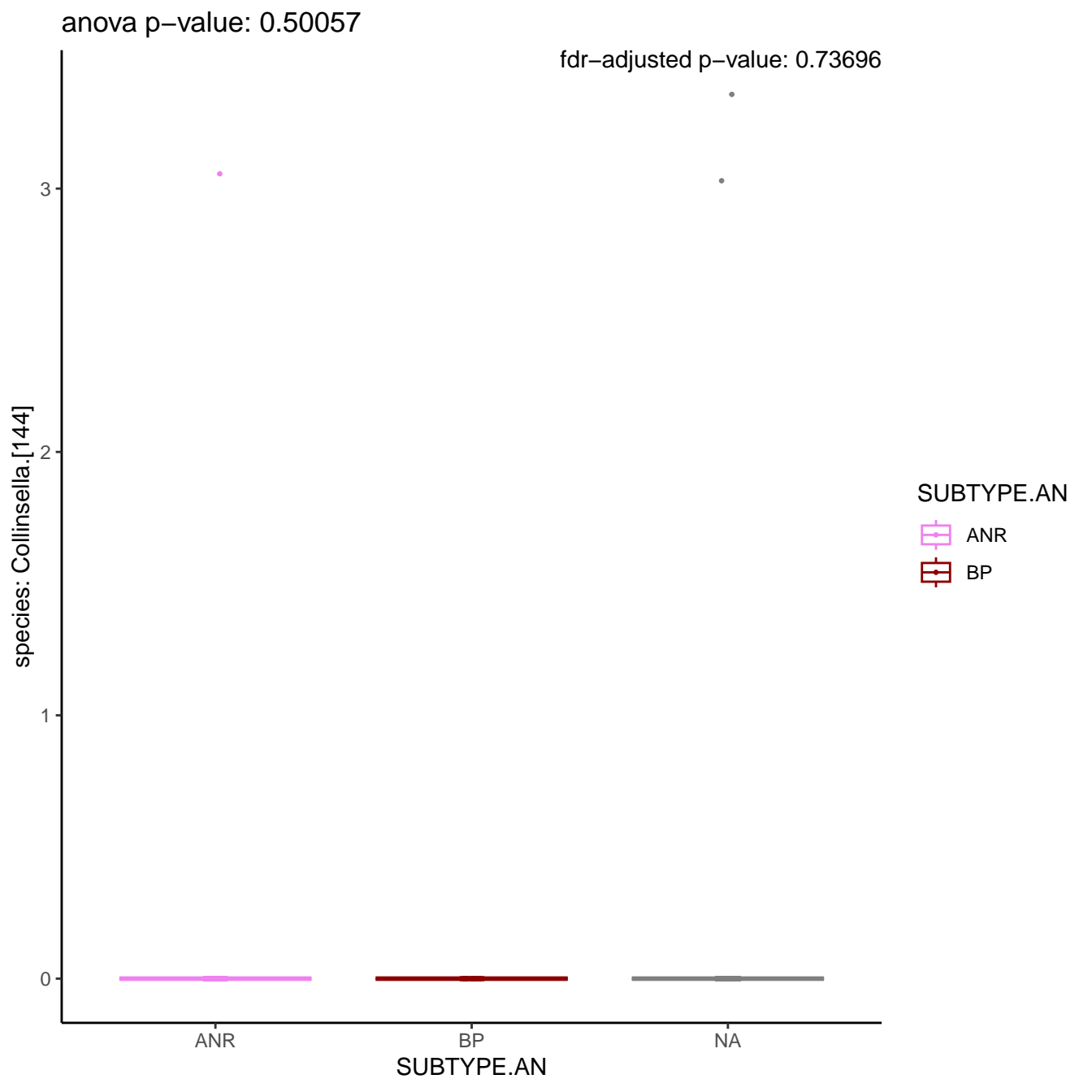
BP

ANR

BP

NA

SUBTYPE.AN



anova p-value: 0.50057

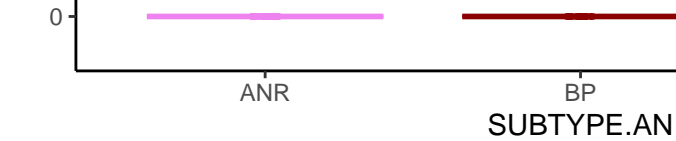
fdr-adjusted p-value: 0.73696

species: .Eubacterium._hallii[50]

SUBTYPE.AN

ANR

BP



anova p-value: 0.50057

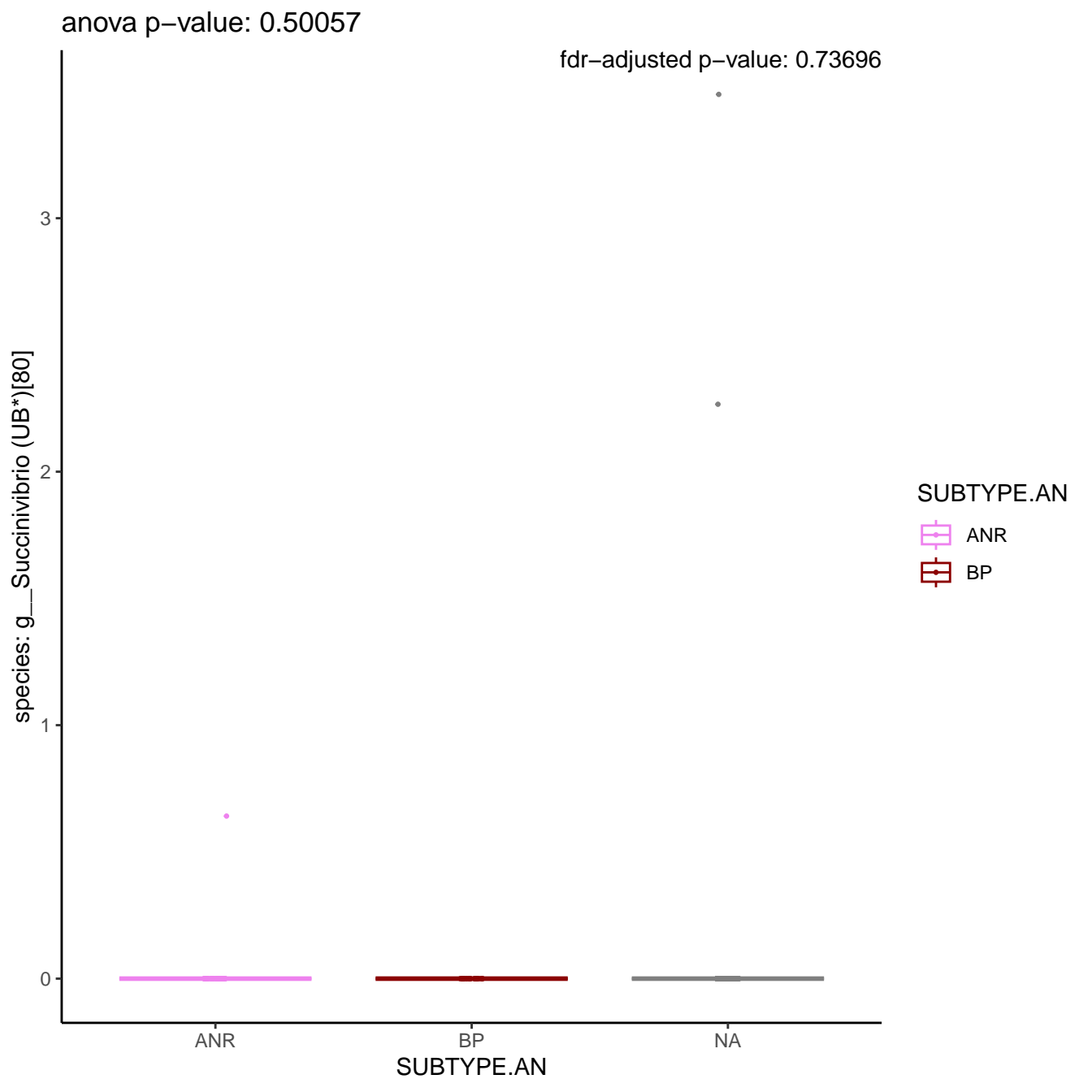
fdr-adjusted p-value: 0.73696

species: g__Succinivibrio (UB*)[80]

SUBTYPE.AN

ANR

BP



anova p-value: 0.52129

fdr-adjusted p-value: 0.75444

species: *Lactobacillus_helveticus*[142]

SUBTYPE.AN

ANR

BP

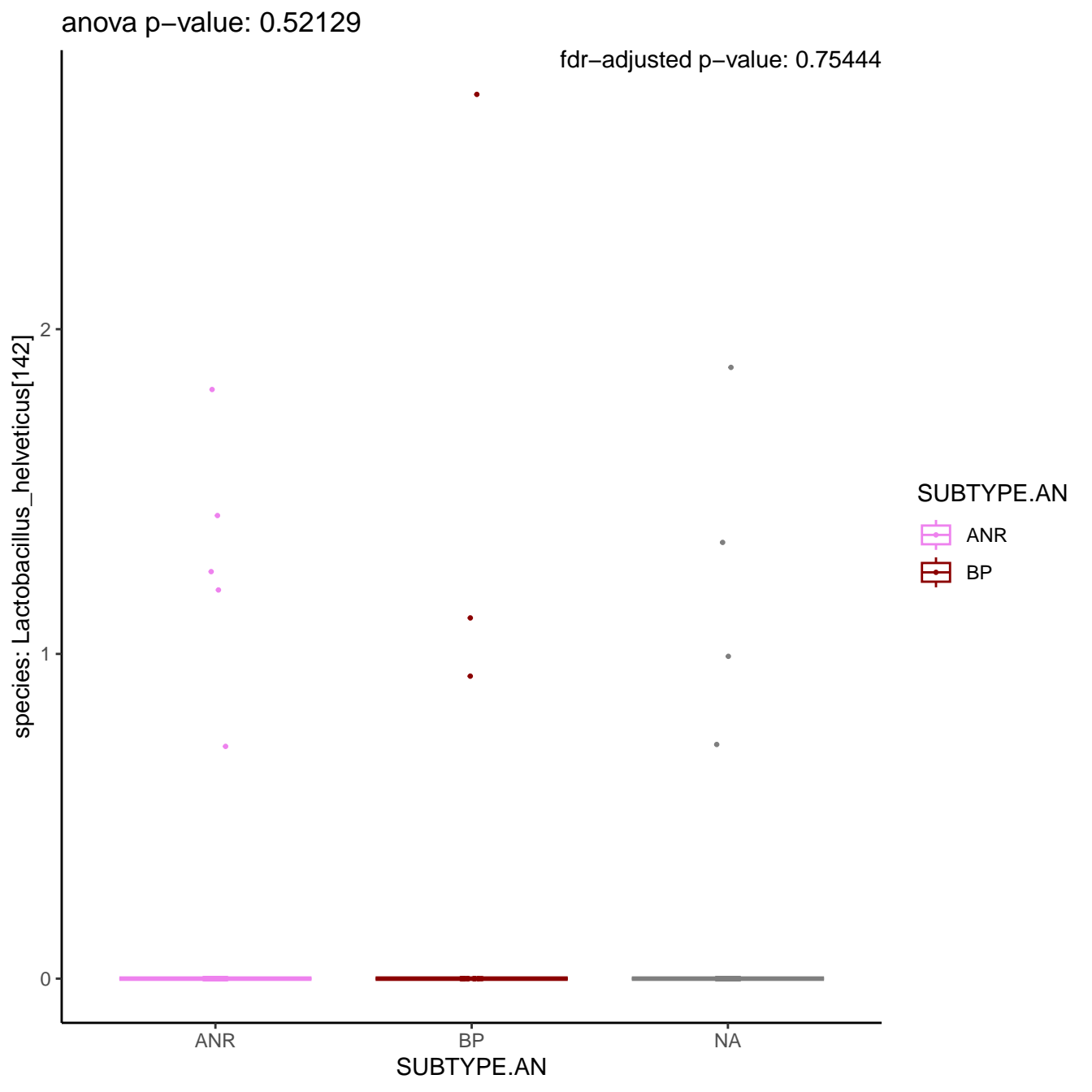
0

ANR

BP

NA

SUBTYPE.AN



anova p-value: 0.52194

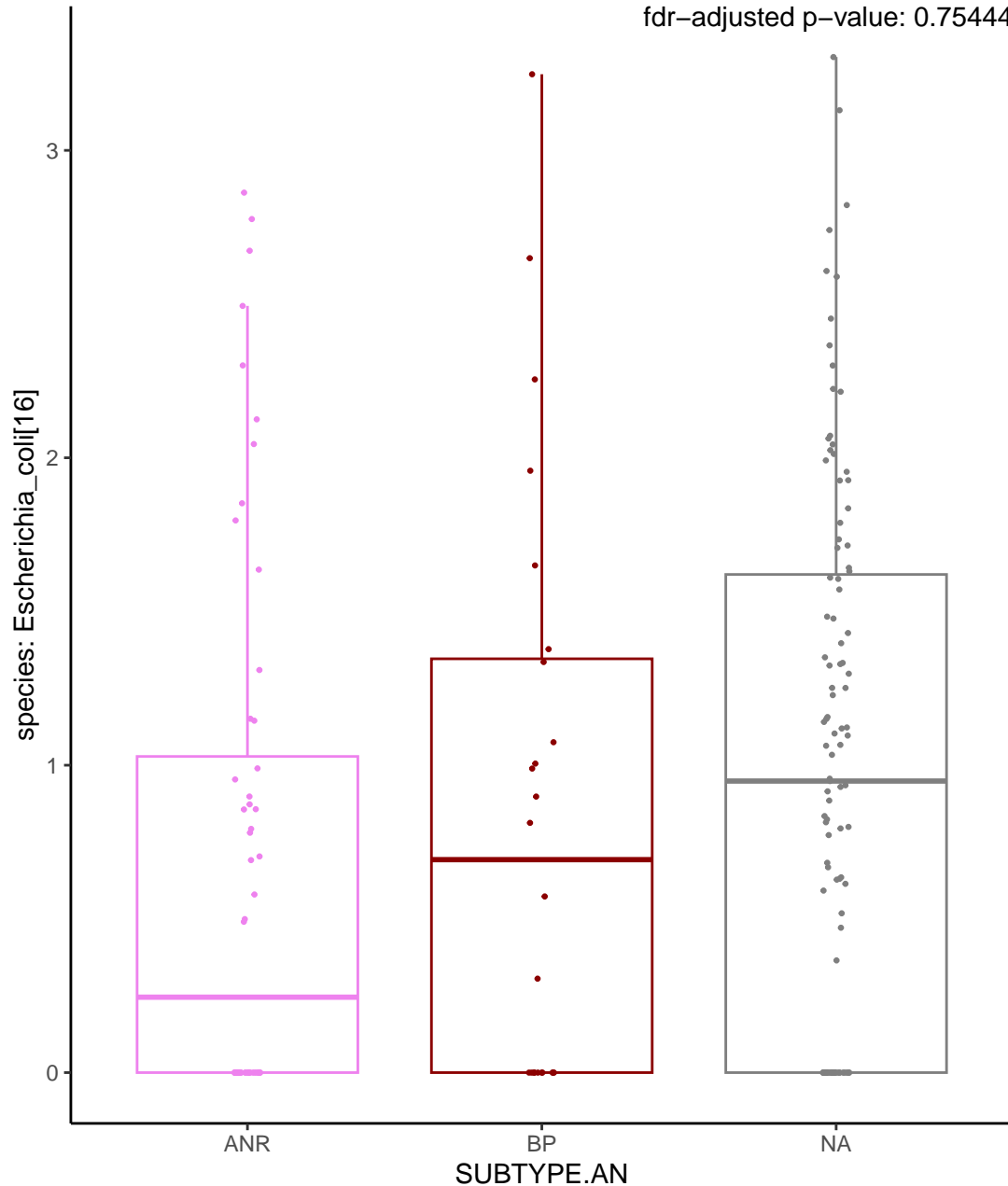
fdr-adjusted p-value: 0.75444

species: *Escherichia_coli*[16]

SUBTYPE.AN

ANR

BP



anova p-value: 0.53329

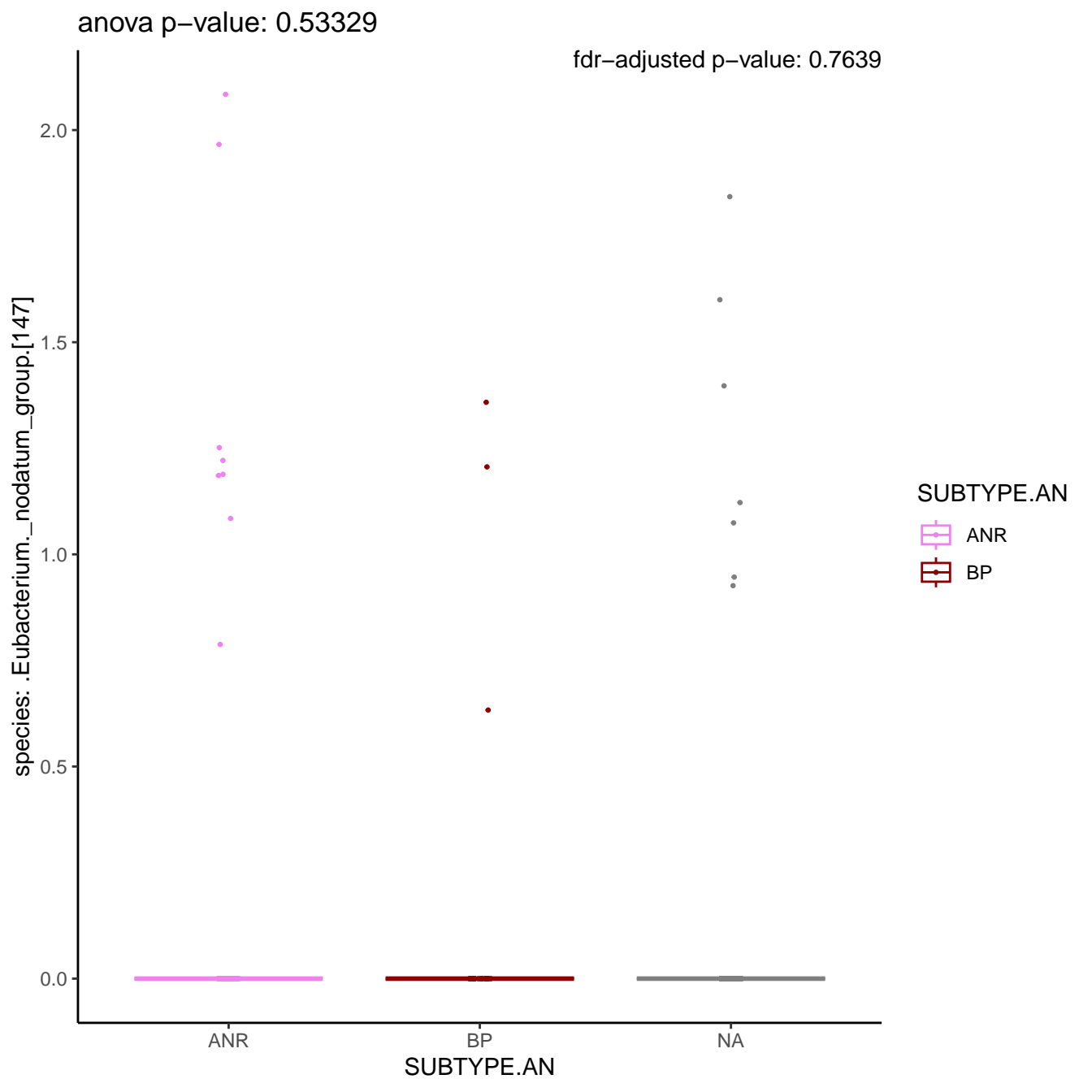
fdr-adjusted p-value: 0.7639

species: .Eubacterium._nodatum_group.[147]

SUBTYPE.AN

ANR

BP



anova p-value: 0.56123

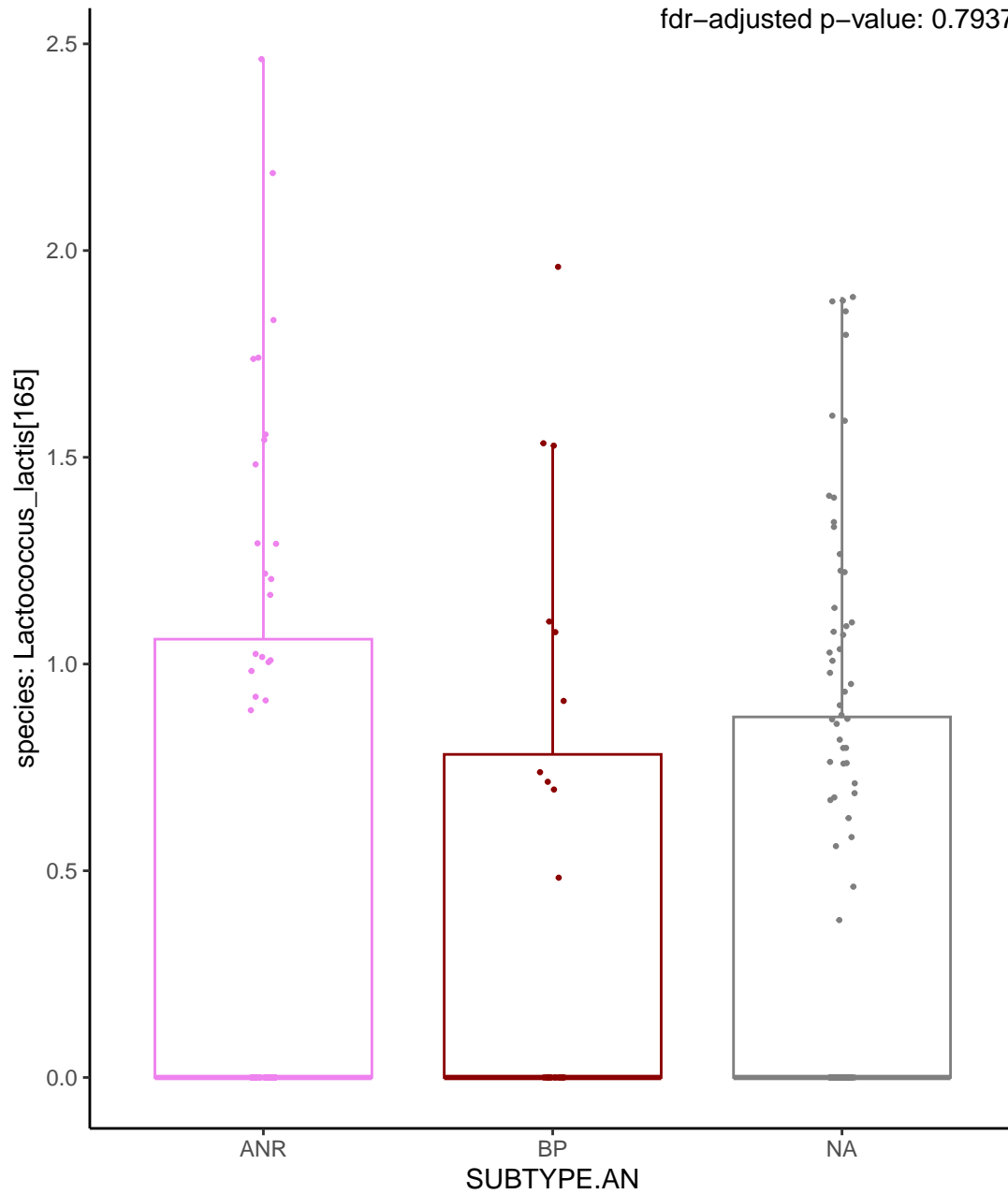
fdr-adjusted p-value: 0.7937

species: *Lactococcus lactis*[165]

SUBTYPE.AN

ANR

BP



anova p-value: 0.56407

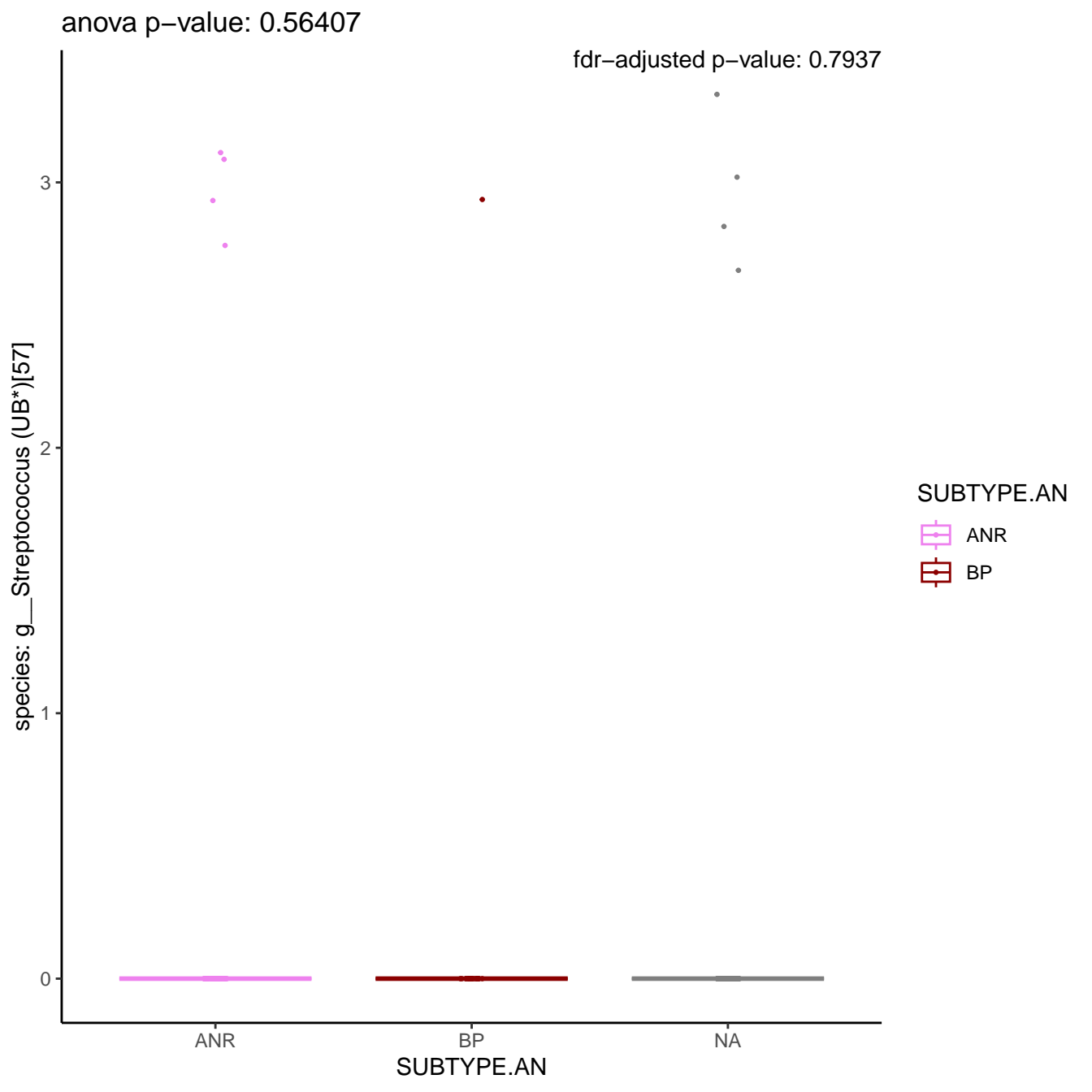
fdr-adjusted p-value: 0.7937

species: g__Streptococcus (UB*)[57]

SUBTYPE.AN

ANR

BP



anova p-value: 0.57825

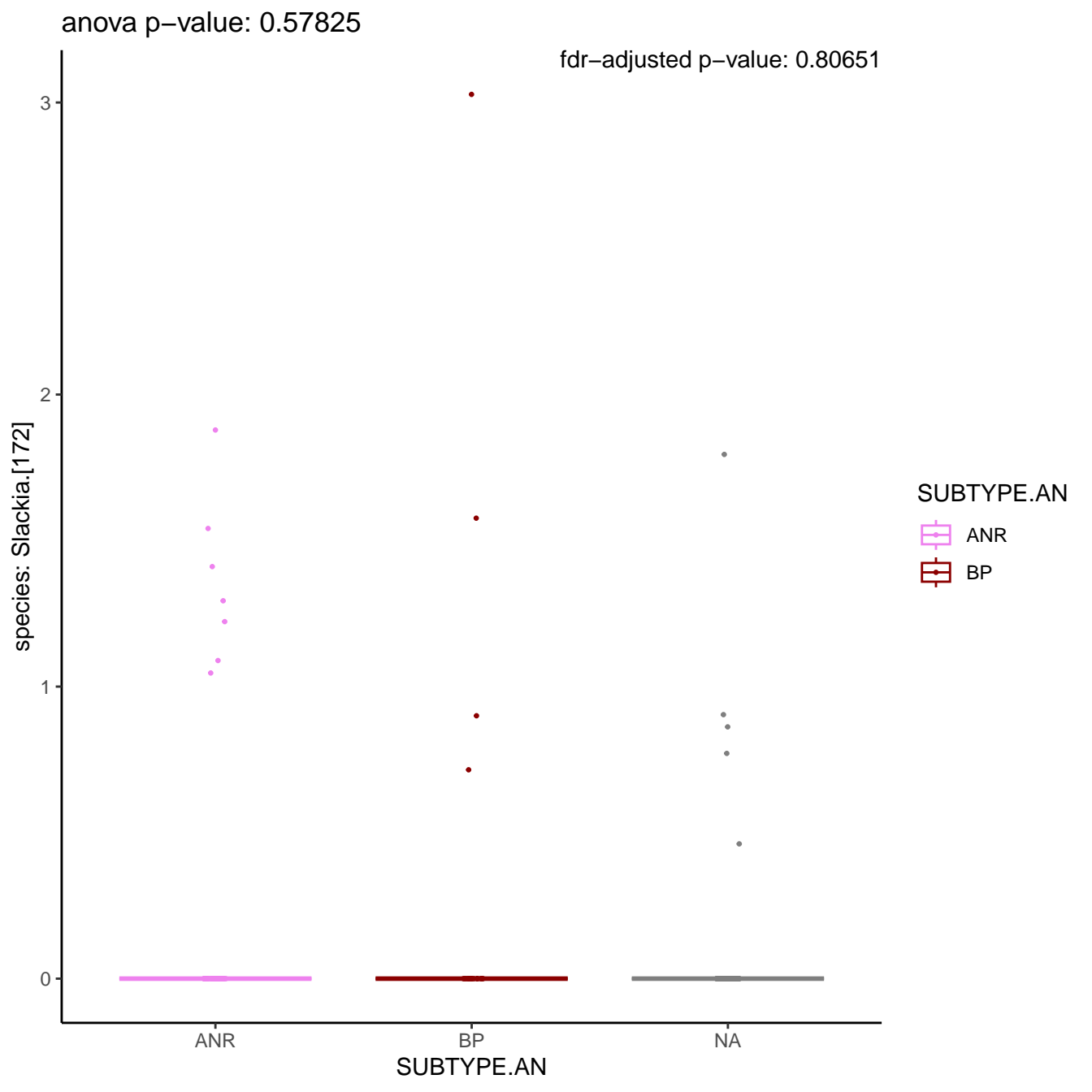
fdr-adjusted p-value: 0.80651

species: Slackia.[172]

SUBTYPE.AN

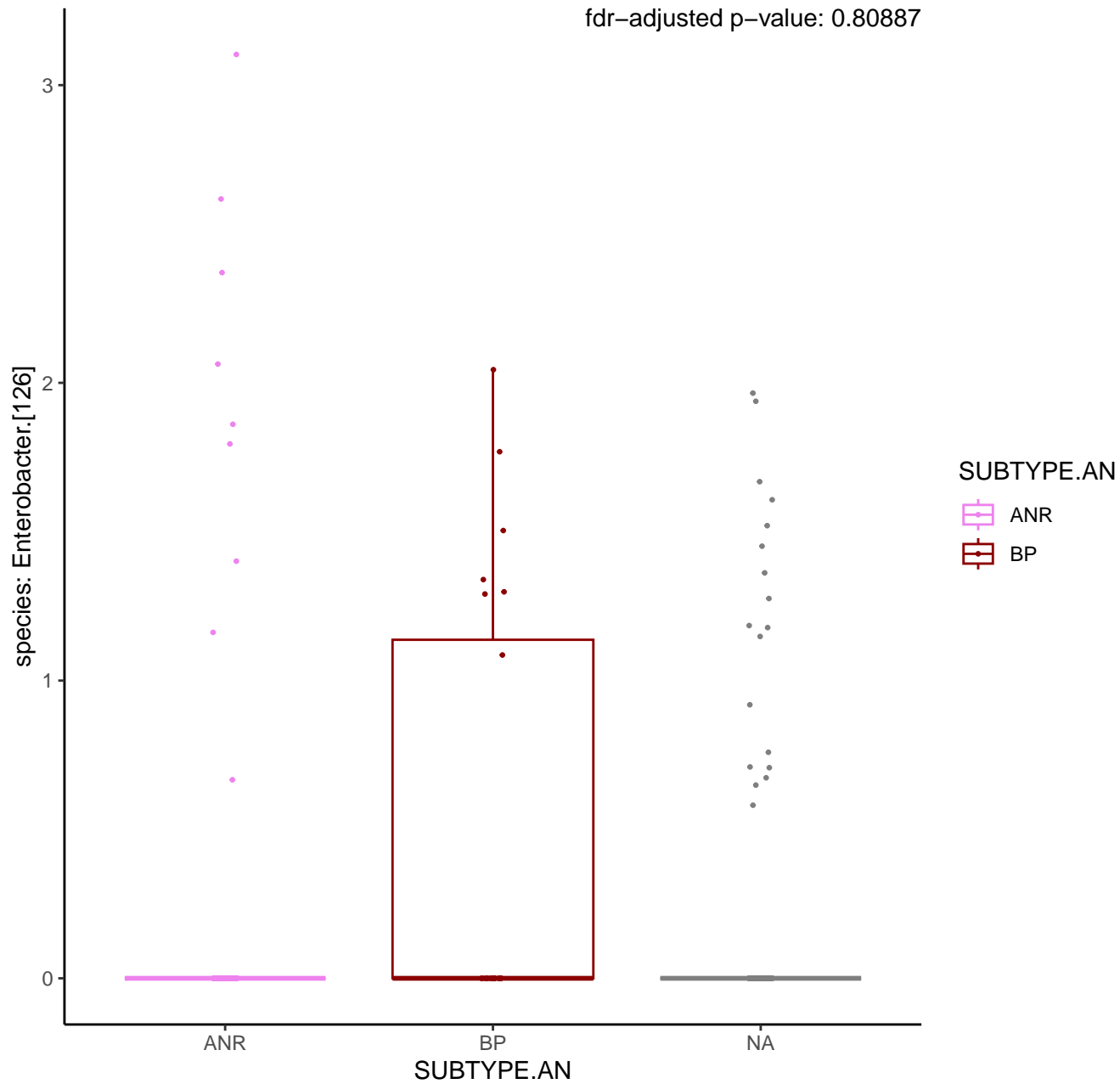
ANR

BP



anova p-value: 0.58503

fdr-adjusted p-value: 0.80887



anova p-value: 0.59026

fdr-adjusted p-value: 0.80906

species: g__Collinsella (UB*)[36]

SUBTYPE.AN

ANR

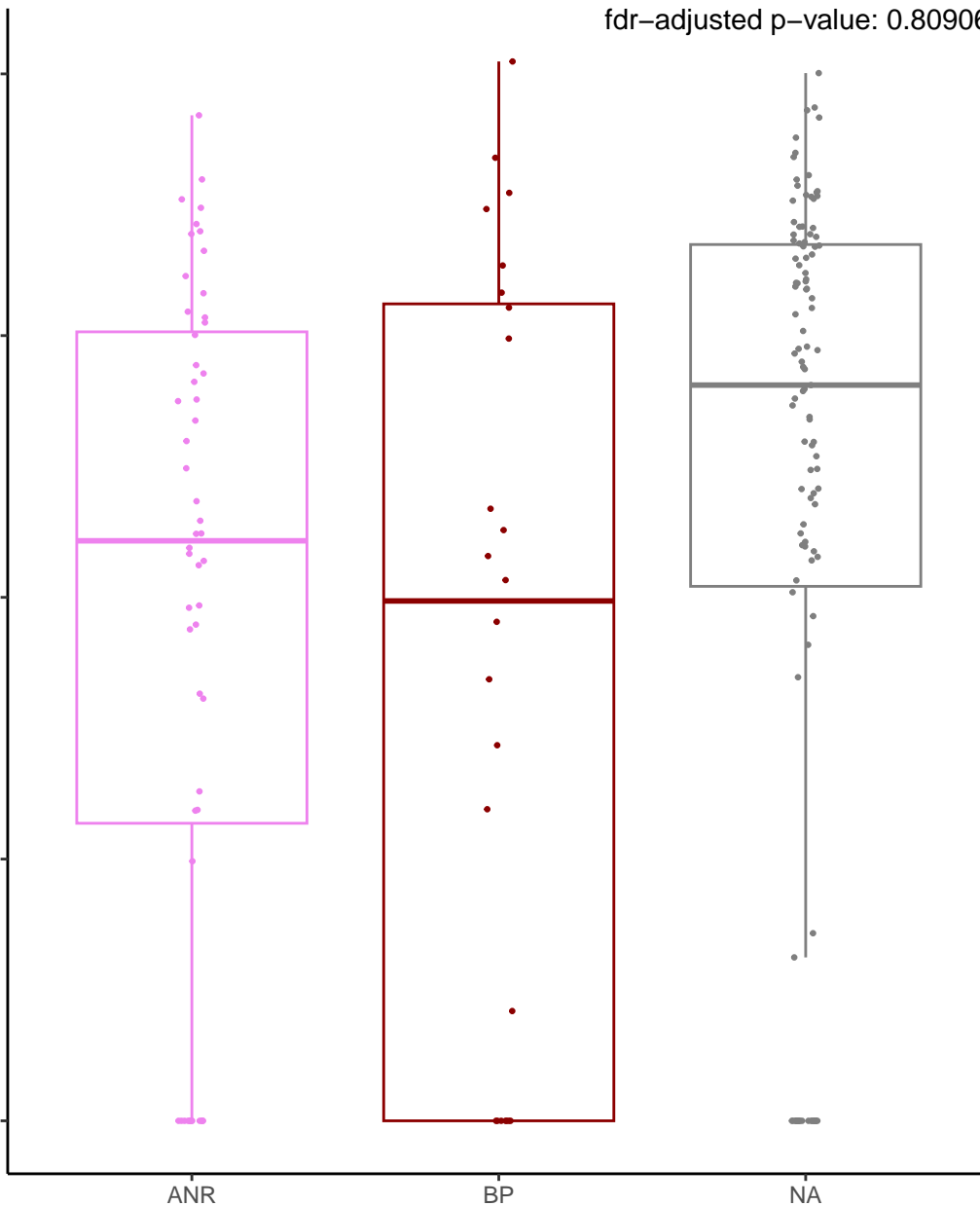
BP

ANR

BP

NA

SUBTYPE.AN



anova p-value: 0.59717

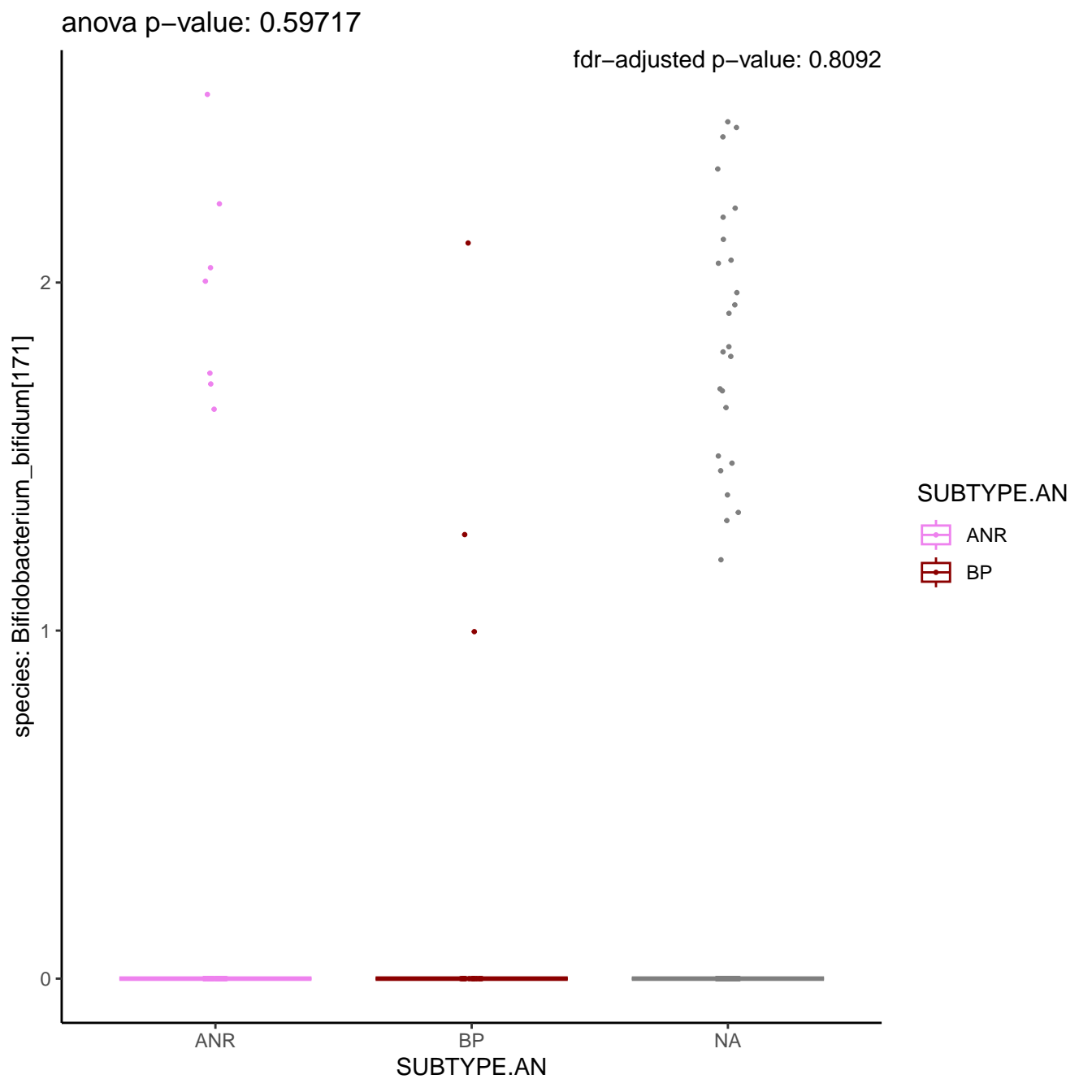
fdr-adjusted p-value: 0.8092

species: Bifidobacterium_bifidum[171]

SUBTYPE.AN

ANR

BP



anova p-value: 0.6006

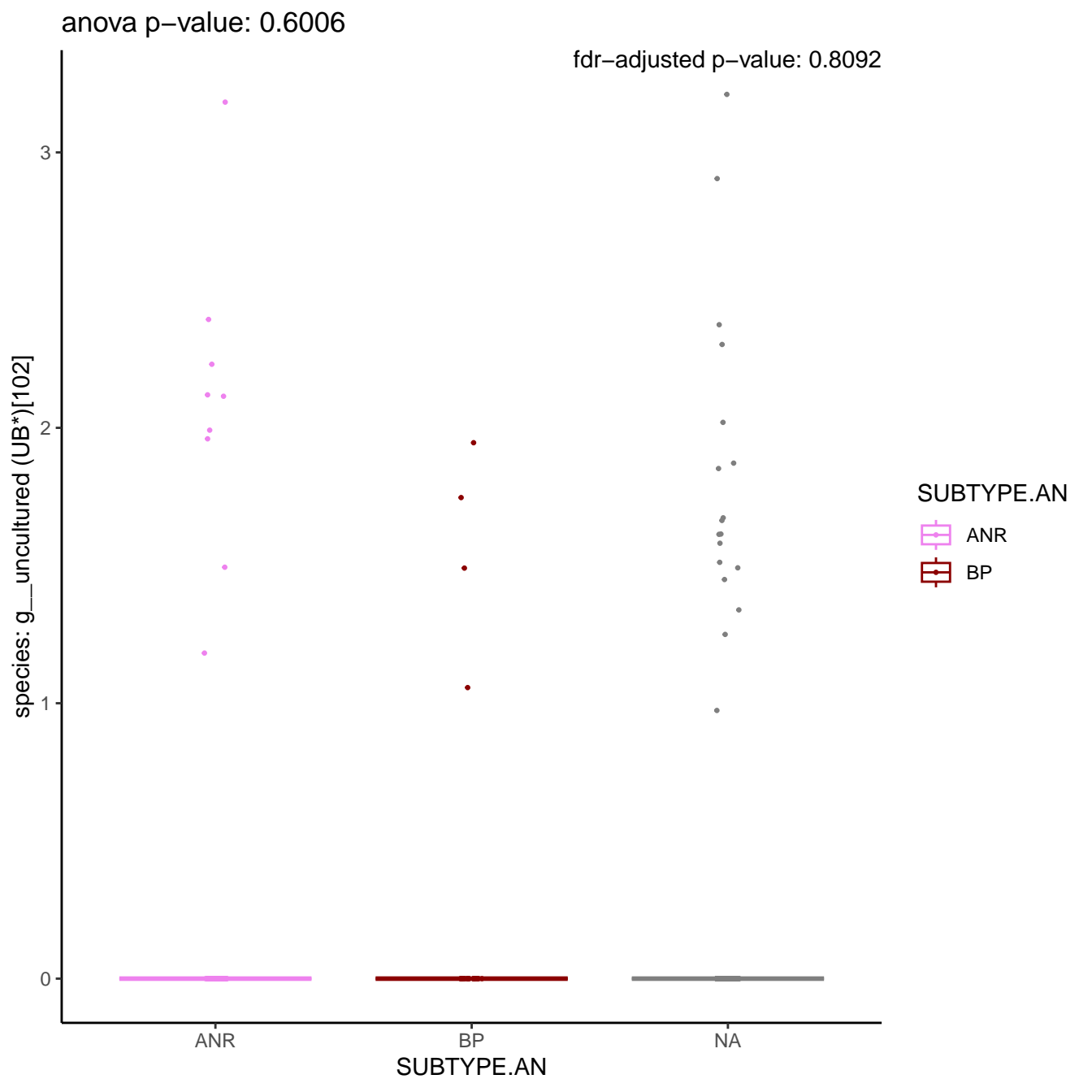
fdr-adjusted p-value: 0.8092

species: g__uncultured (UB*)[102]

SUBTYPE.AN

ANR

BP



anova p-value: 0.60562

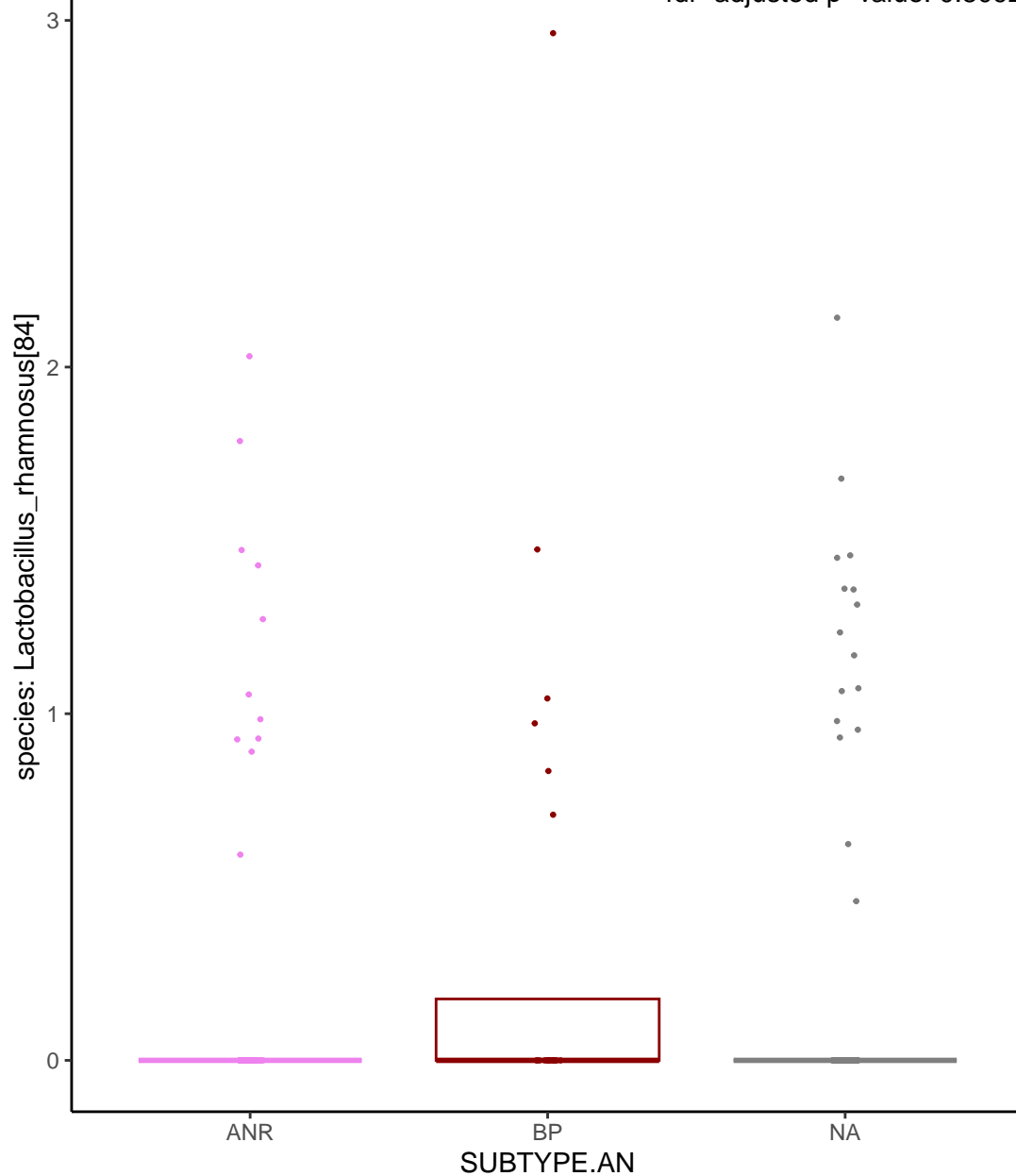
fdr-adjusted p-value: 0.8092

species: *Lactobacillus_rhamnosus*[84]

SUBTYPE.AN

ANR

BP



anova p-value: 0.61382

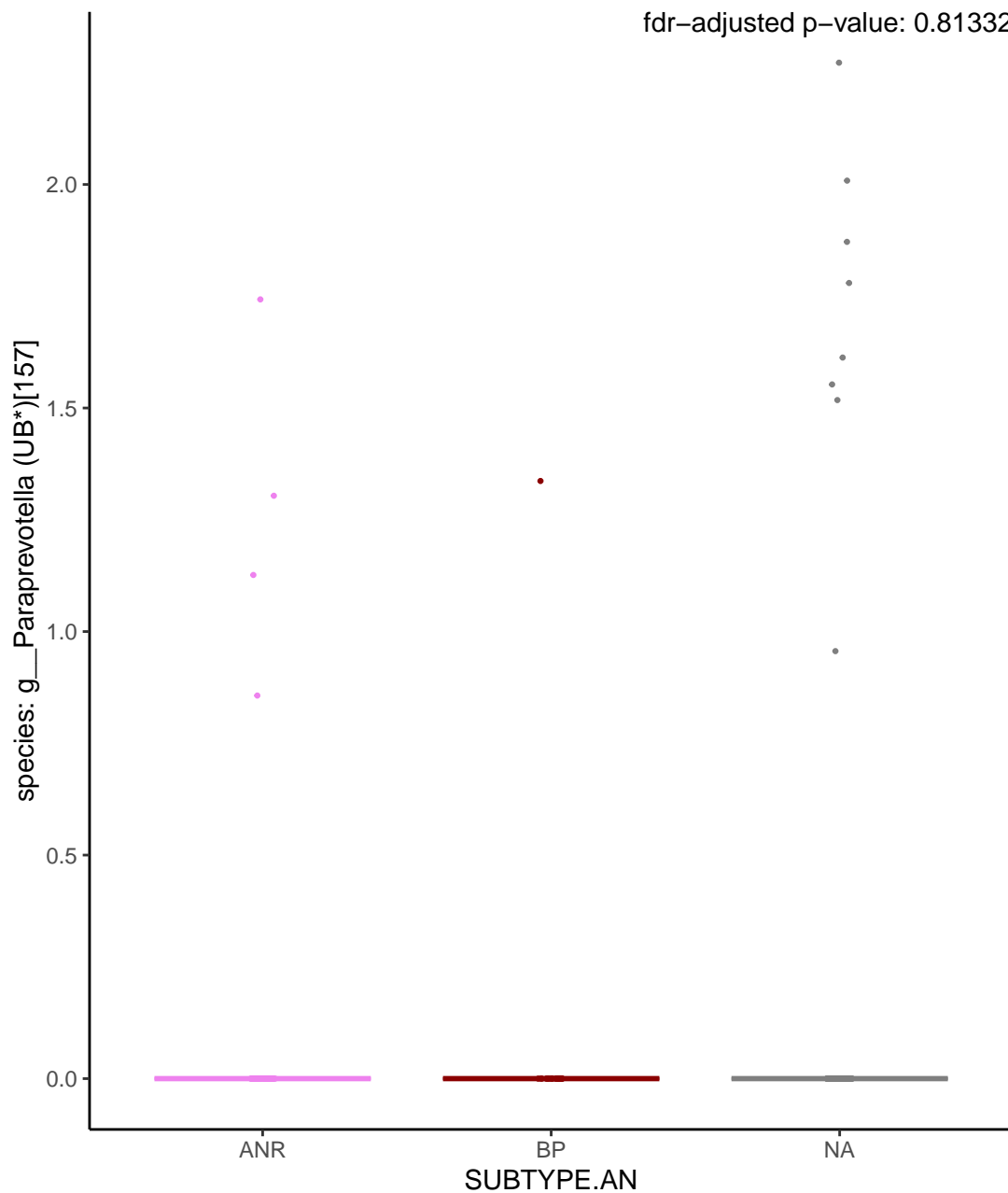
fdr-adjusted p-value: 0.81332

species: g__Paraprevotella (UB*)[157]

SUBTYPE.AN

ANR

BP



anova p-value: 0.62686

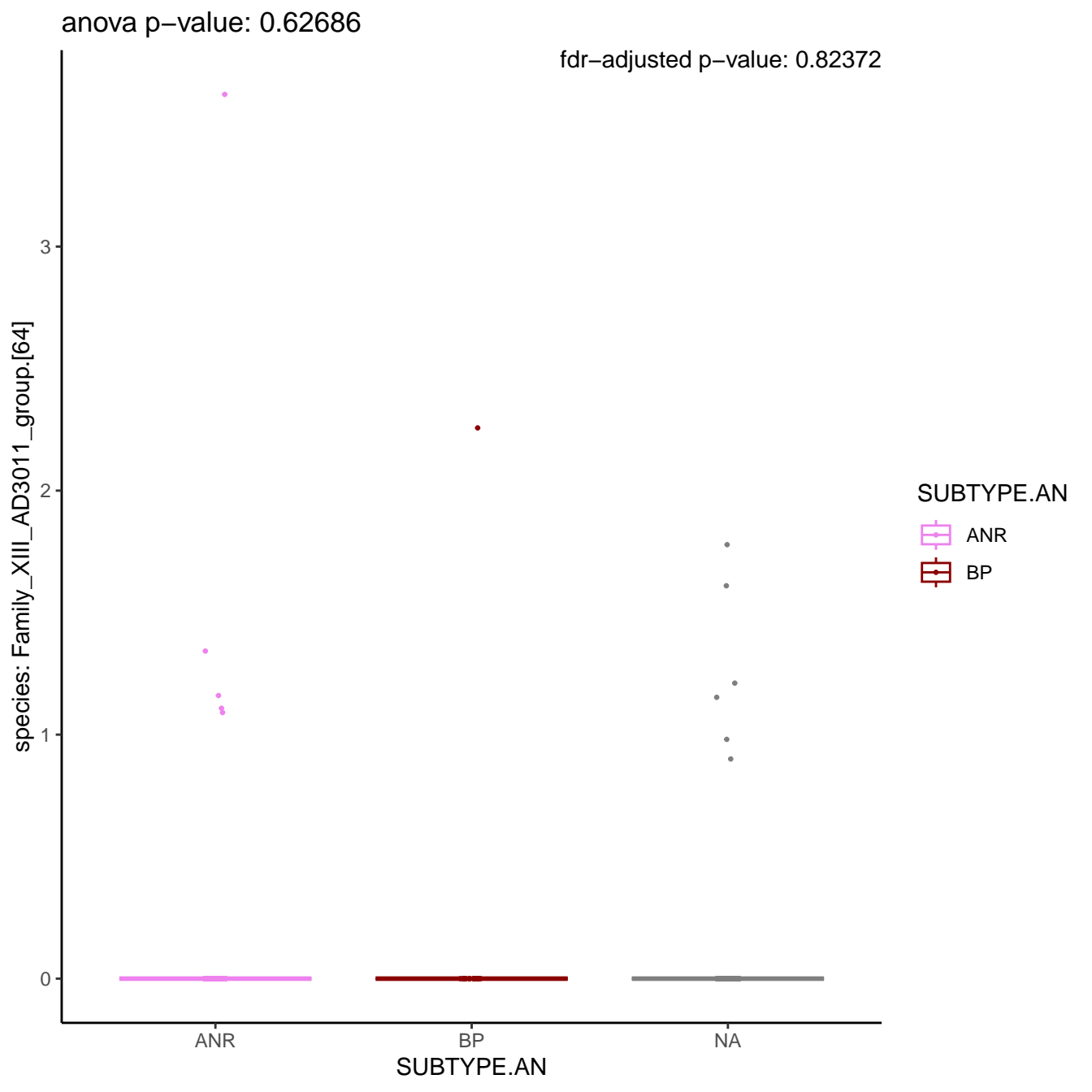
fdr-adjusted p-value: 0.82372

species: Family_XIII_AD3011_group.[64]

SUBTYPE.AN

ANR

BP



anova p-value: 0.64333

fdr-adjusted p-value: 0.82921

species: g__uncultured (UB*)[124]

SUBTYPE.AN

ANR

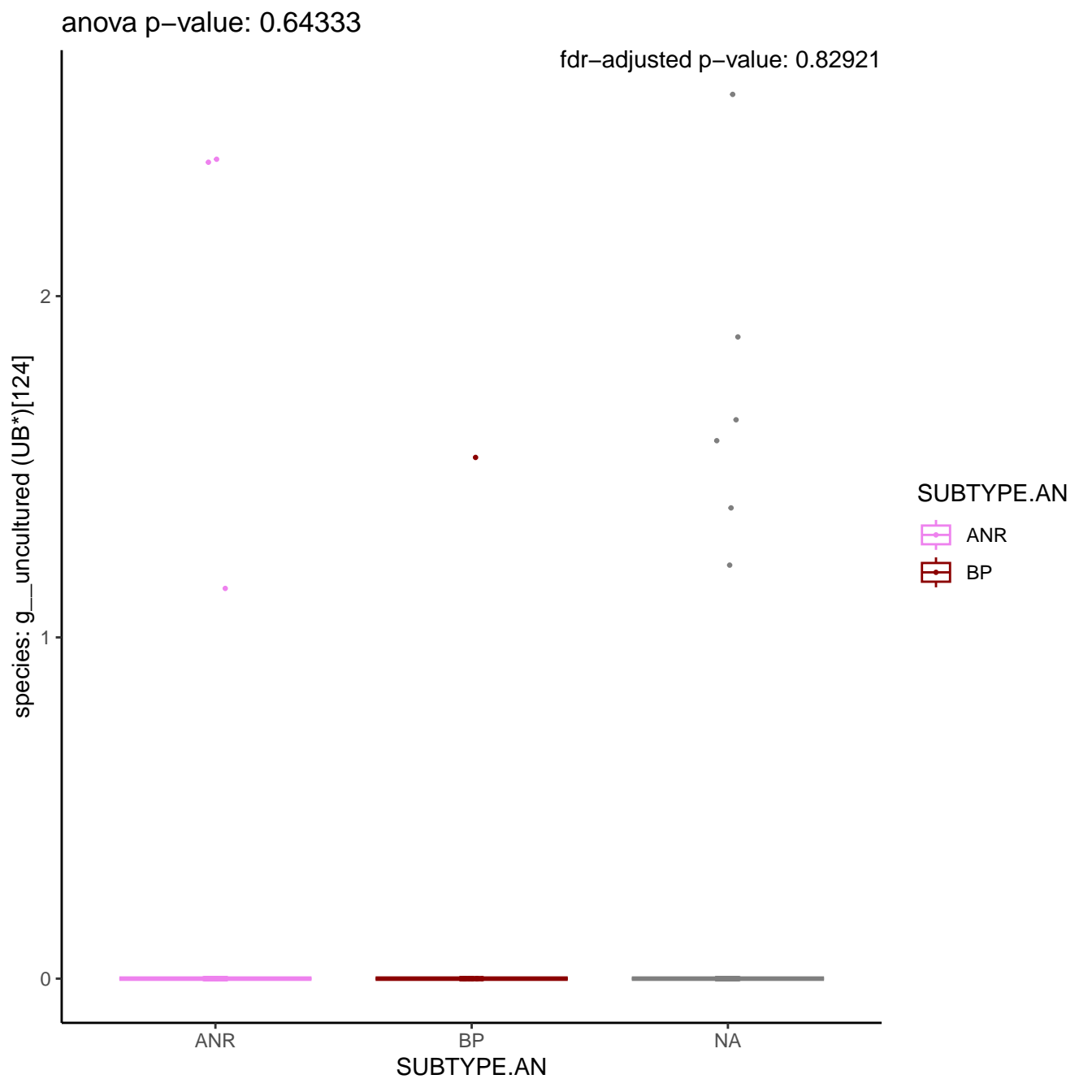
BP

ANR

BP

NA

SUBTYPE.AN



anova p-value: 0.64698

fdr-adjusted p-value: 0.82921

species: g__Erysipelatoclostridium (UB*)[31]

SUBTYPE.AN

ANR

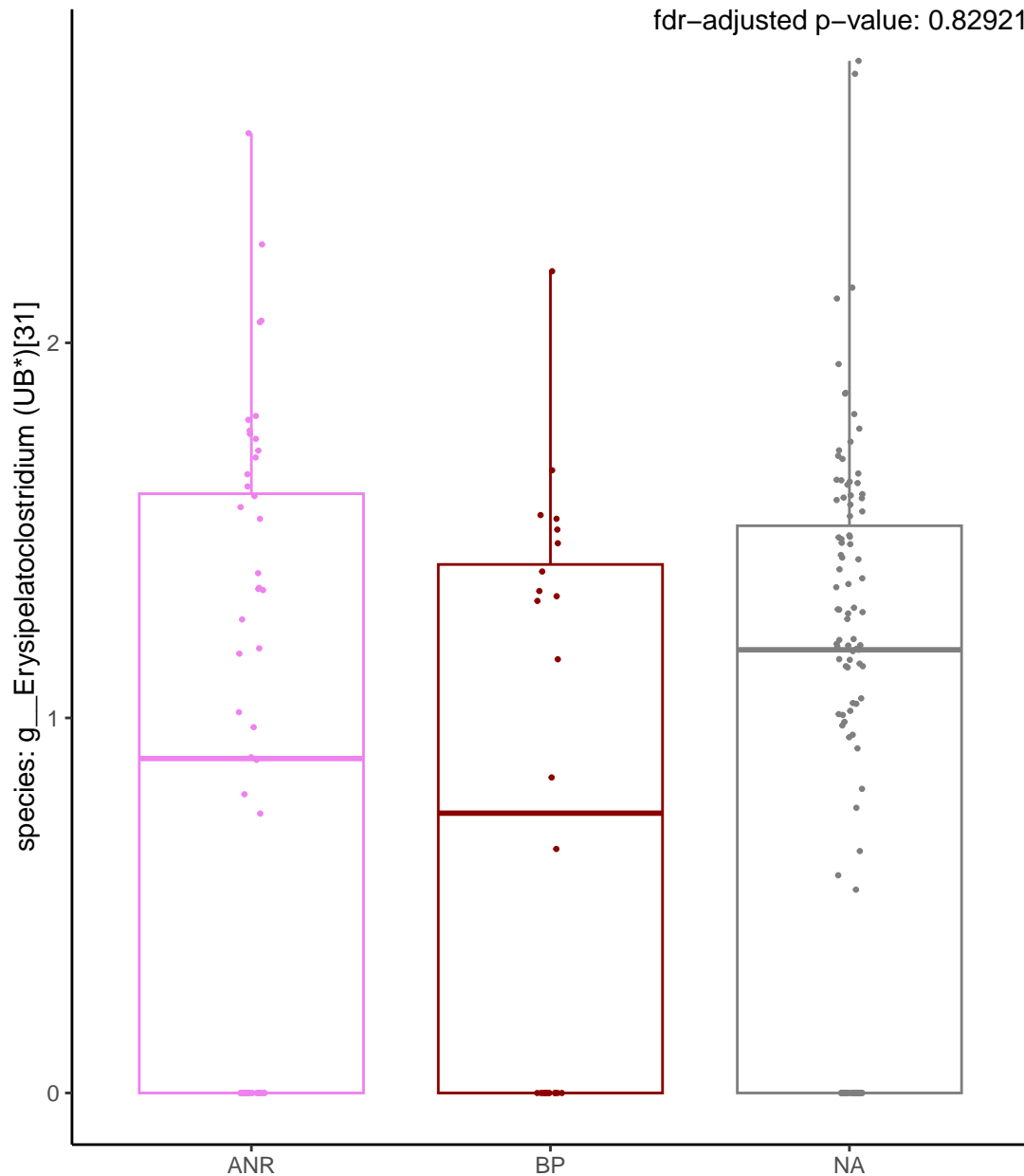
BP

ANR

BP

NA

SUBTYPE.AN



anova p-value: 0.64726

fdr-adjusted p-value: 0.82921

species: g__Catenibacterium (UB*)[35]

SUBTYPE.AN

ANR

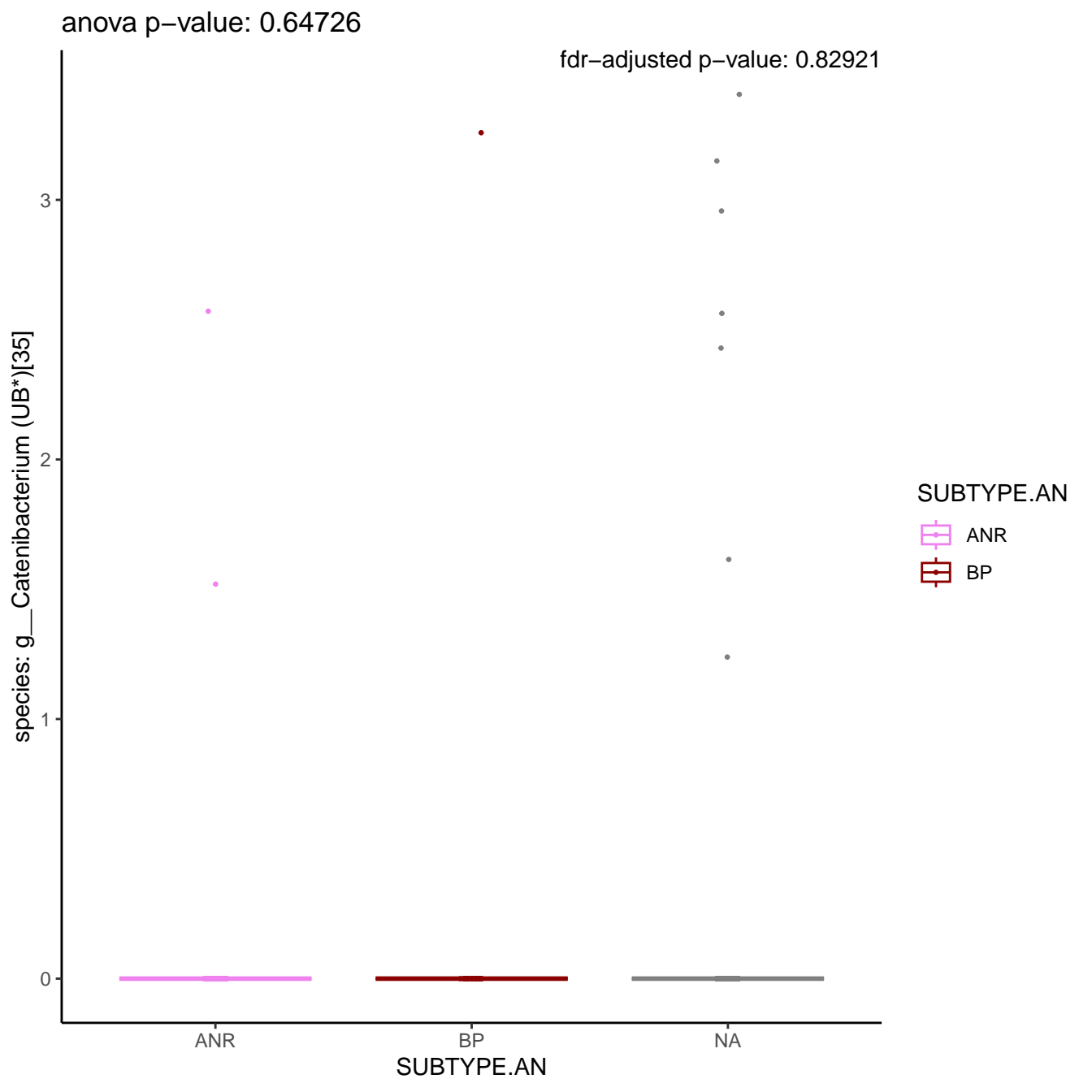
BP

ANR

BP

NA

SUBTYPE.AN



anova p-value: 0.65189

fdr-adjusted p-value: 0.82921

species: uncultured.[121]

SUBTYPE.AN

ANR

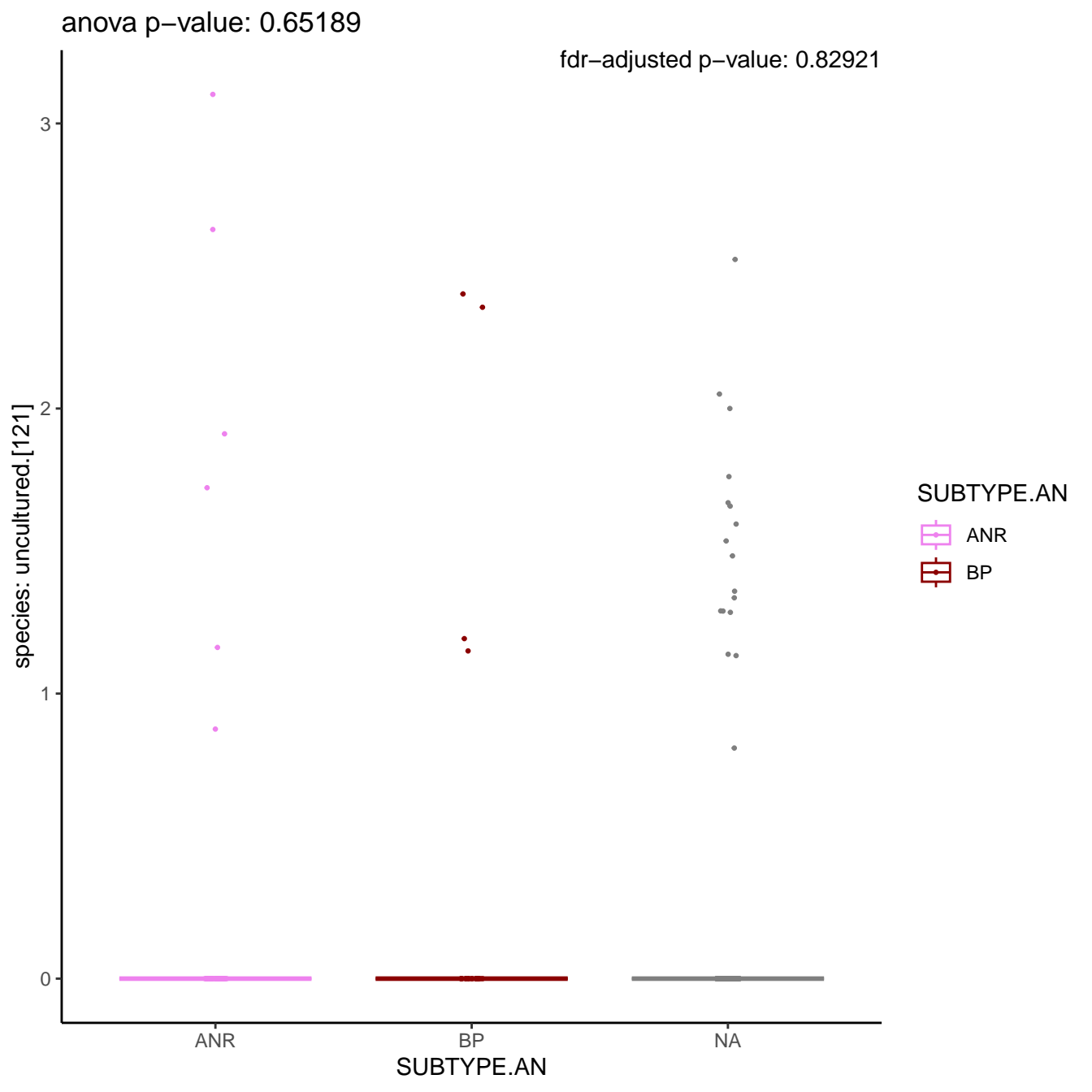
BP

ANR

BP

NA

SUBTYPE.AN



anova p-value: 0.67813

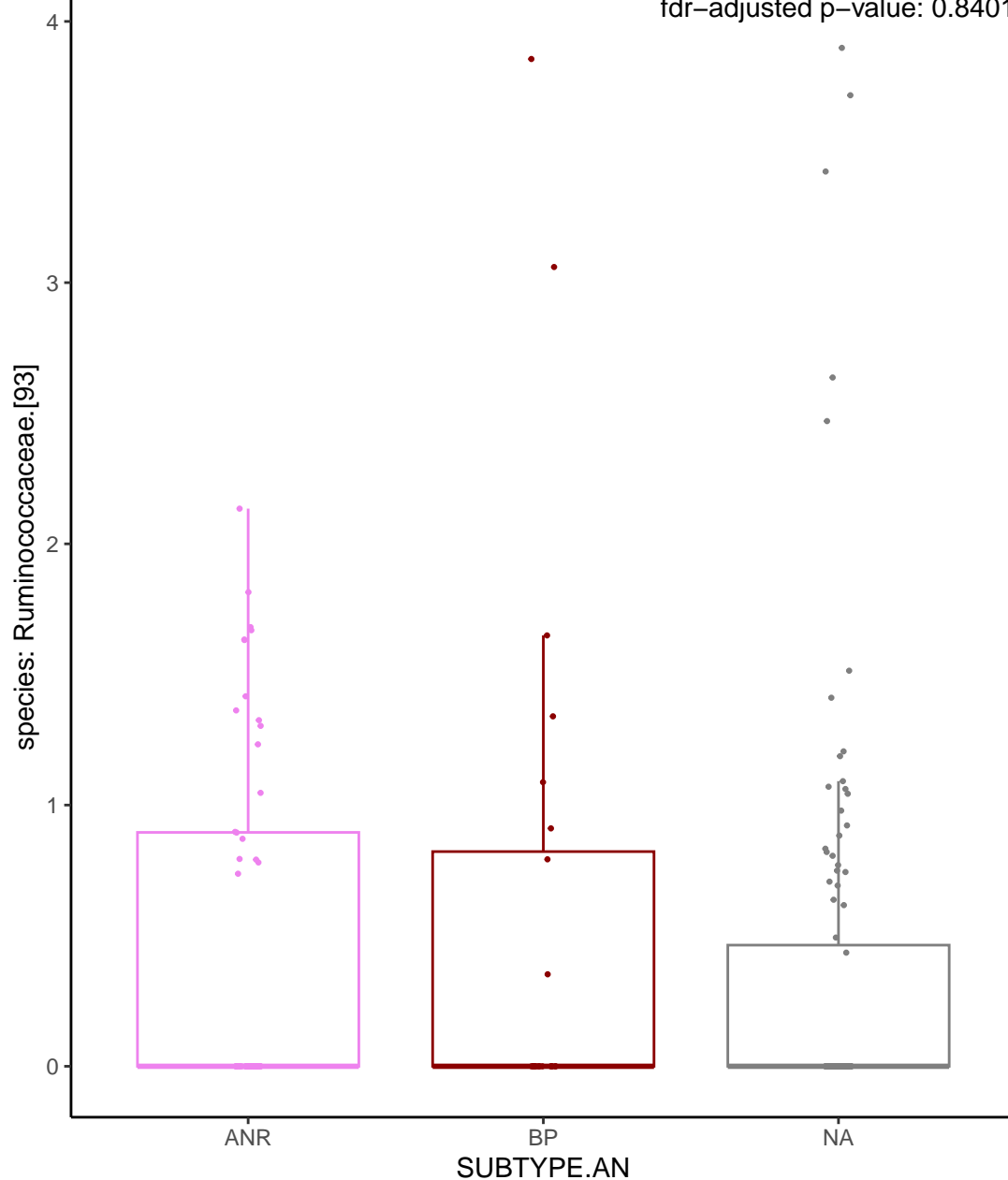
fdr-adjusted p-value: 0.8401

species: Ruminococcaceae.[93]

SUBTYPE.AN

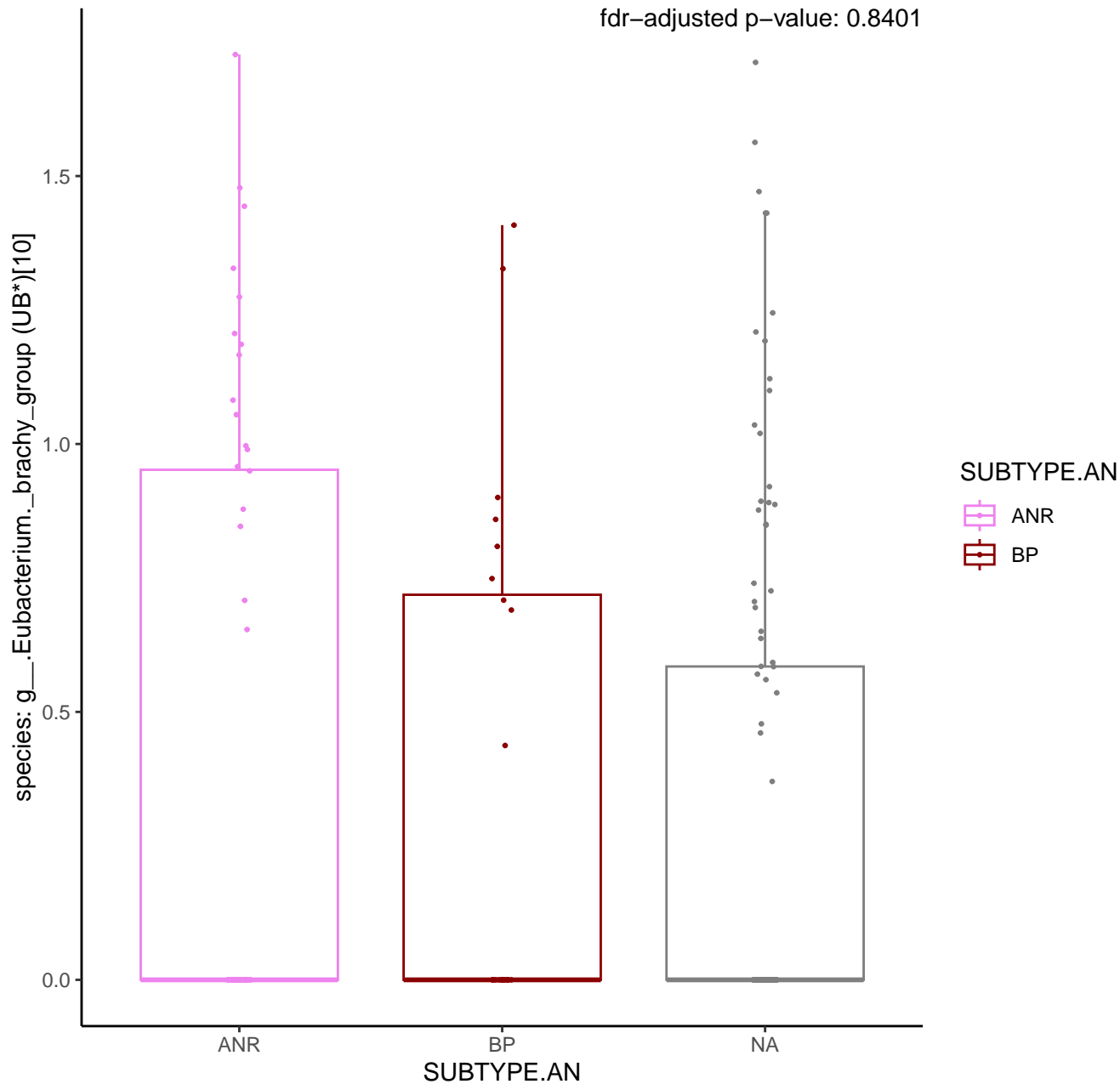
ANR

BP



anova p-value: 0.67821

fdr-adjusted p-value: 0.8401



anova p-value: 0.68215

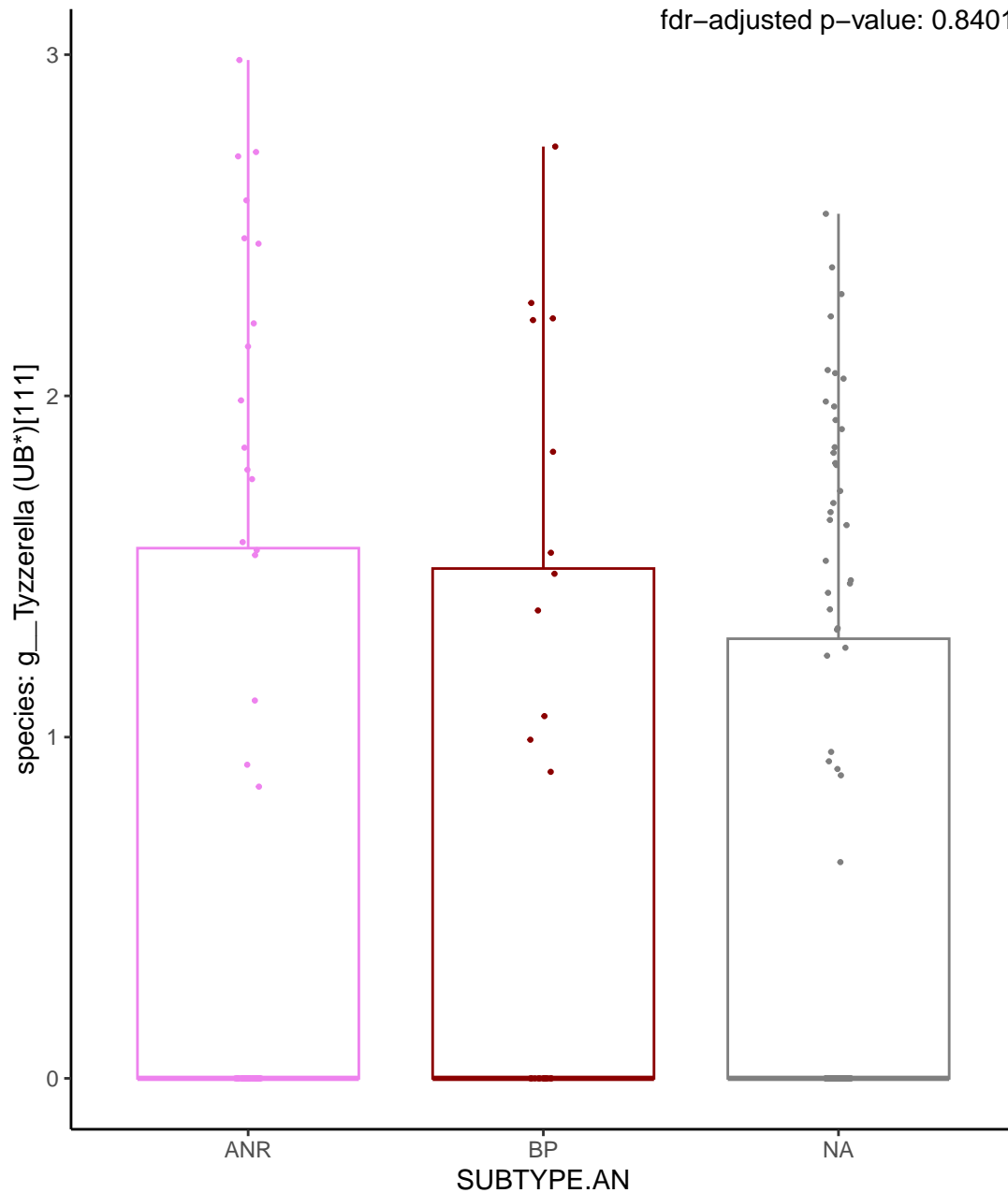
fdr-adjusted p-value: 0.8401

species: g__Tyzzerella (UB*)[111]

SUBTYPE.AN

ANR

BP



anova p-value: 0.68629

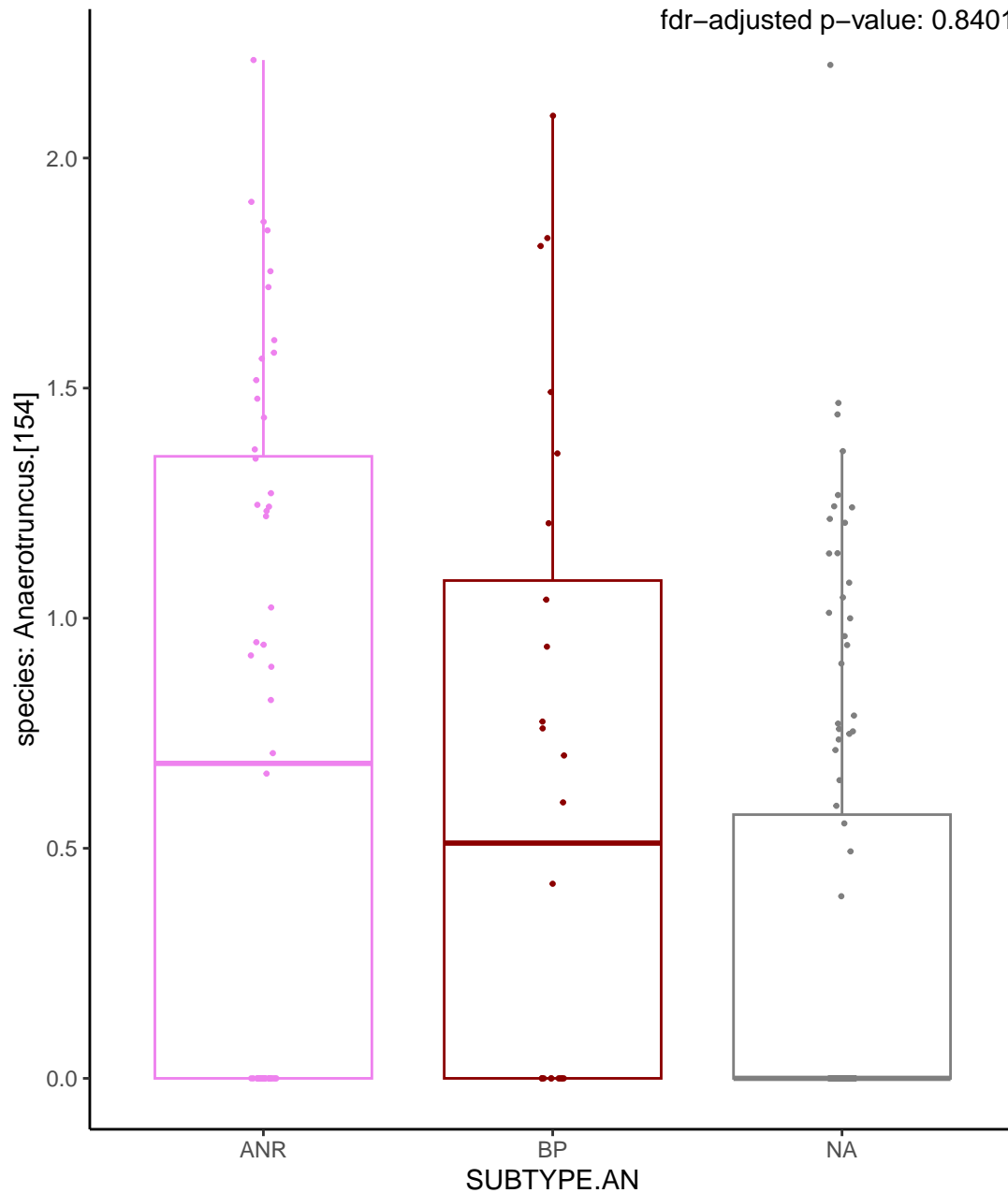
fdr-adjusted p-value: 0.8401

species: Anaerotruncus.[154]

SUBTYPE.AN

ANR

BP



anova p-value: 0.70304

fdr-adjusted p-value: 0.8401

species: g__Blautia (UB*)[20]

ANR

BP

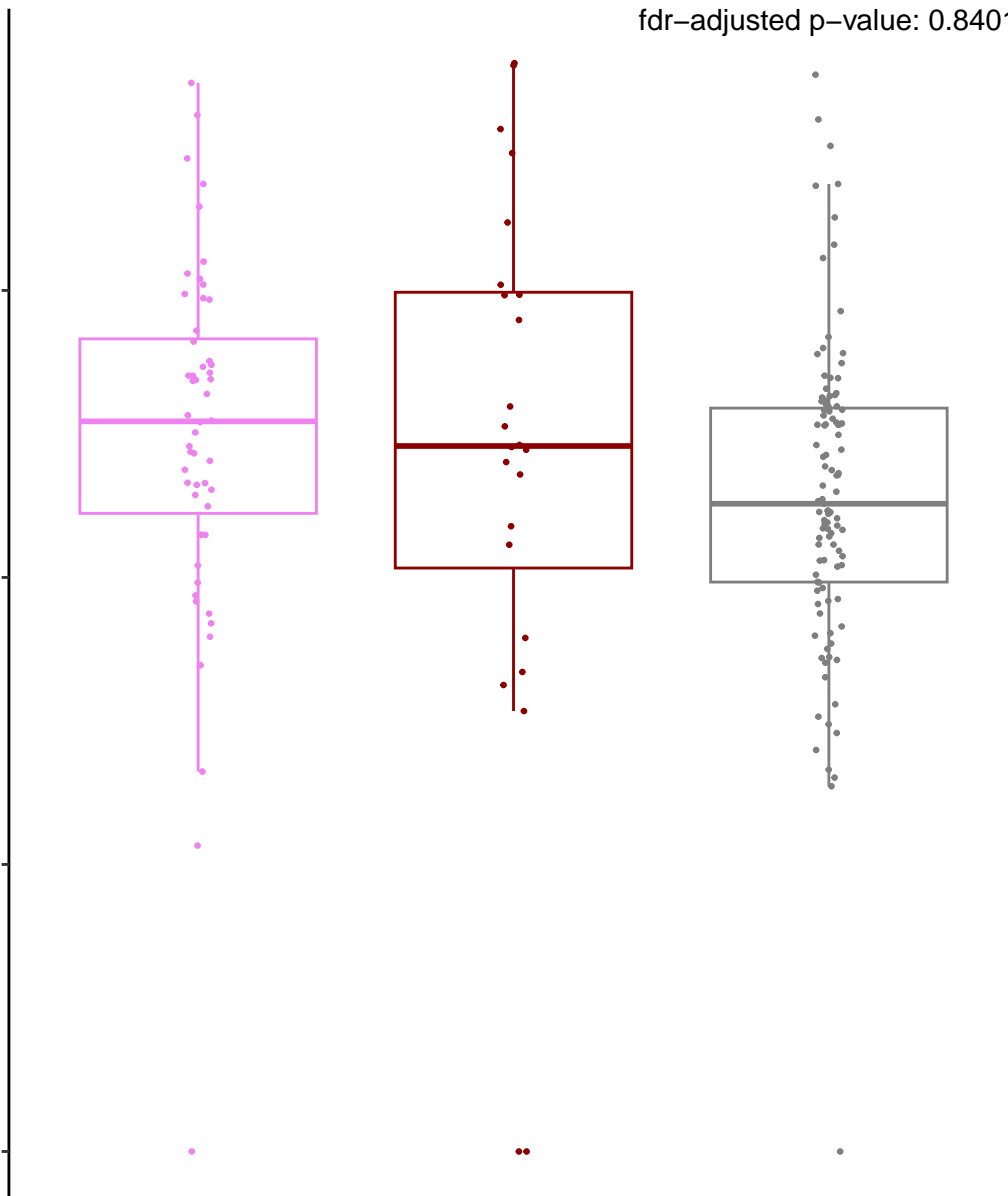
NA

SUBTYPE.AN

SUBTYPE.AN

ANR

BP



anova p-value: 0.70309

fdr-adjusted p-value: 0.8401

species: g__Bacteroides (UB*)[15]

SUBTYPE.AN

ANR

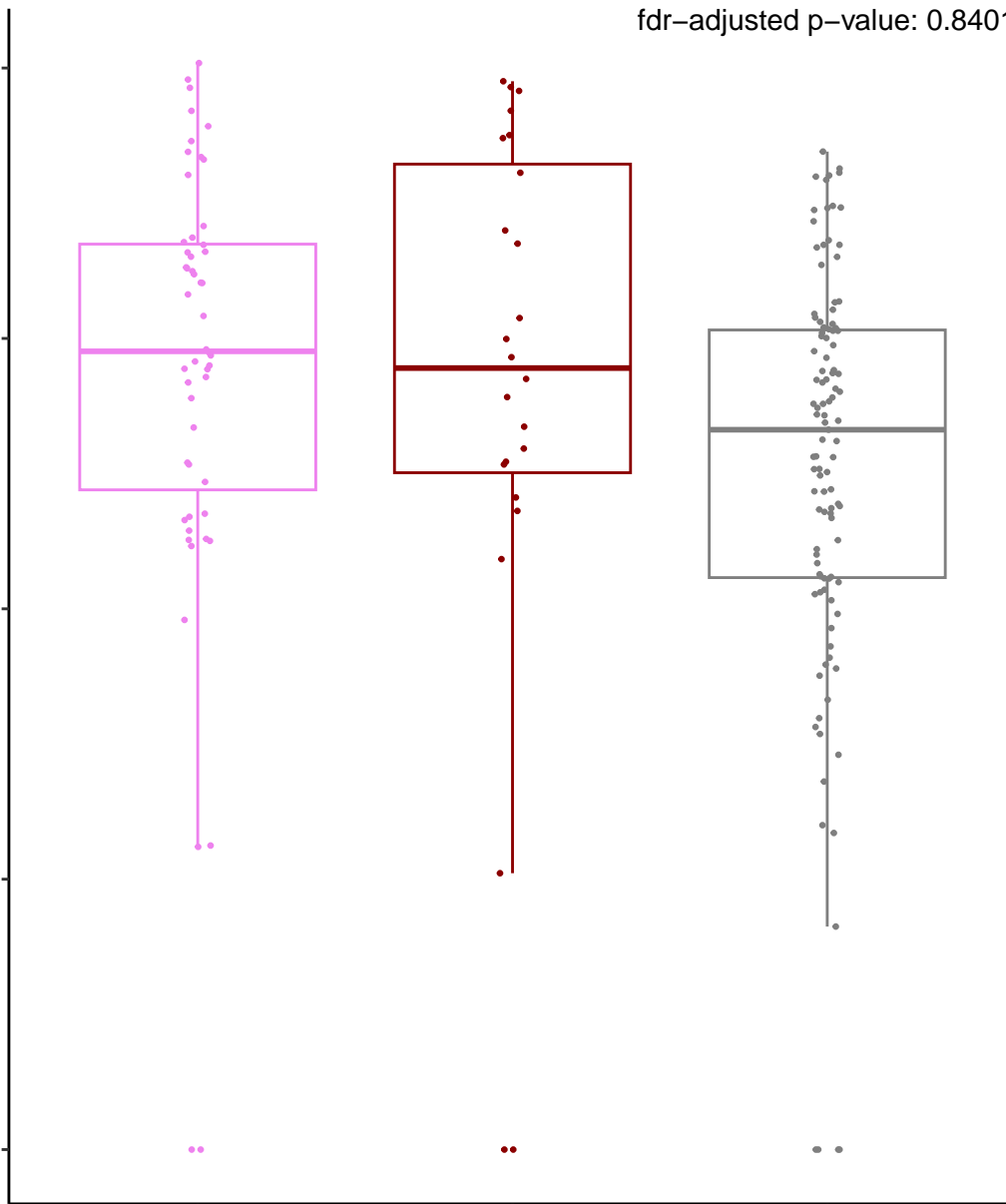
BP

ANR

BP

NA

SUBTYPE.AN



anova p-value: 0.70997

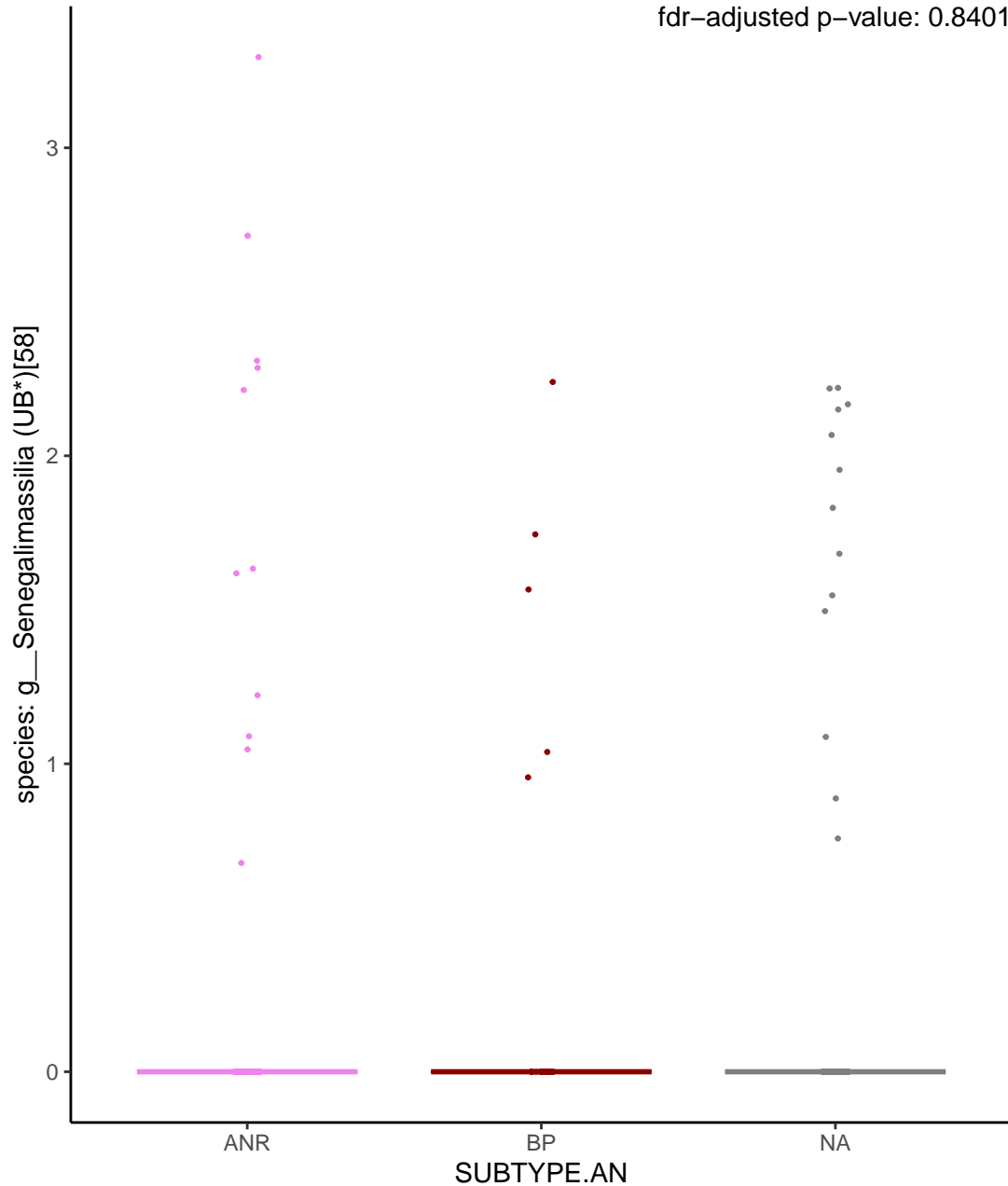
fdr-adjusted p-value: 0.8401

species: g__Senegalimassilia (UB*)[58]

SUBTYPE.AN

ANR

BP



anova p-value: 0.7152

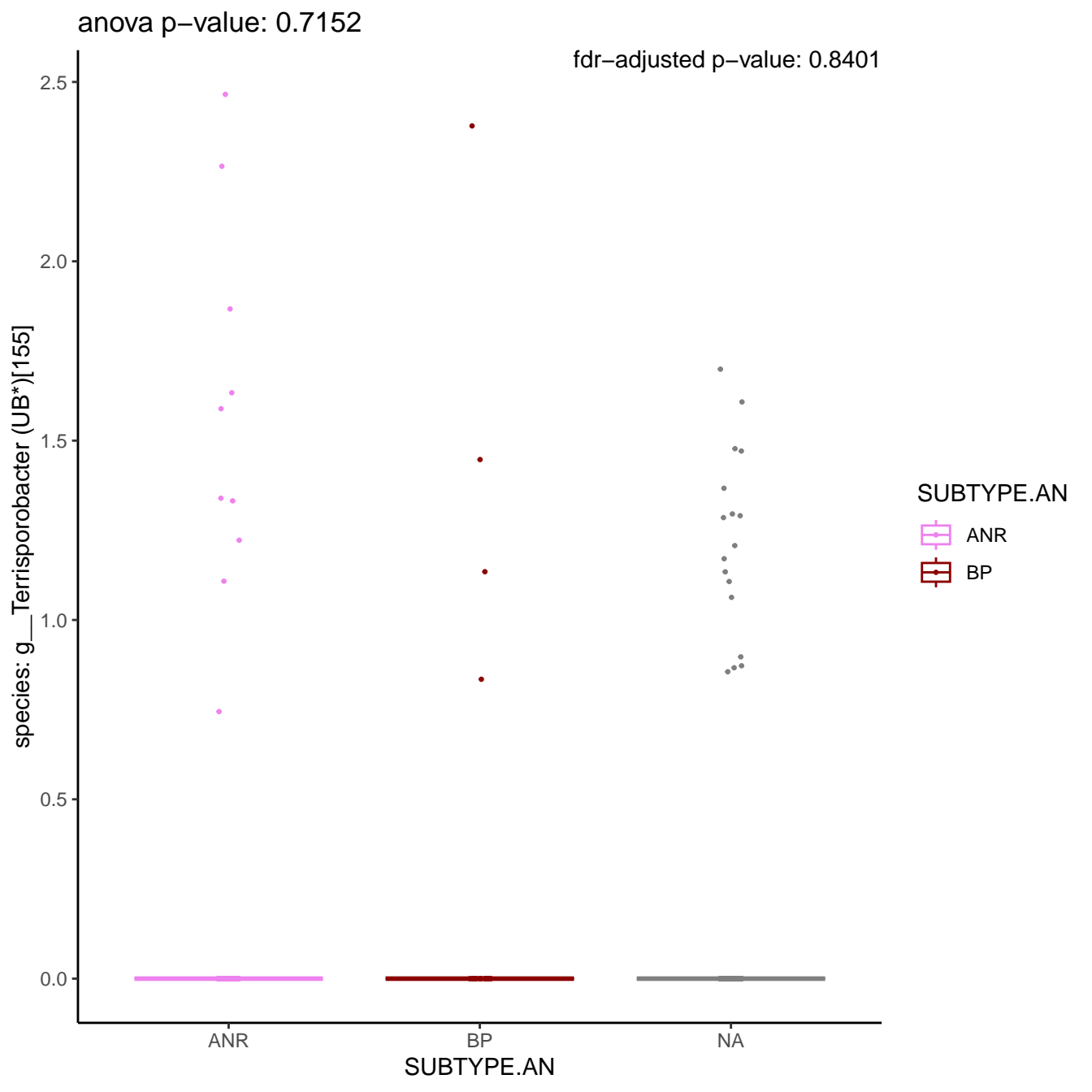
fdr-adjusted p-value: 0.8401

species: g__Terrisporobacter (UB*)[155]

SUBTYPE.AN

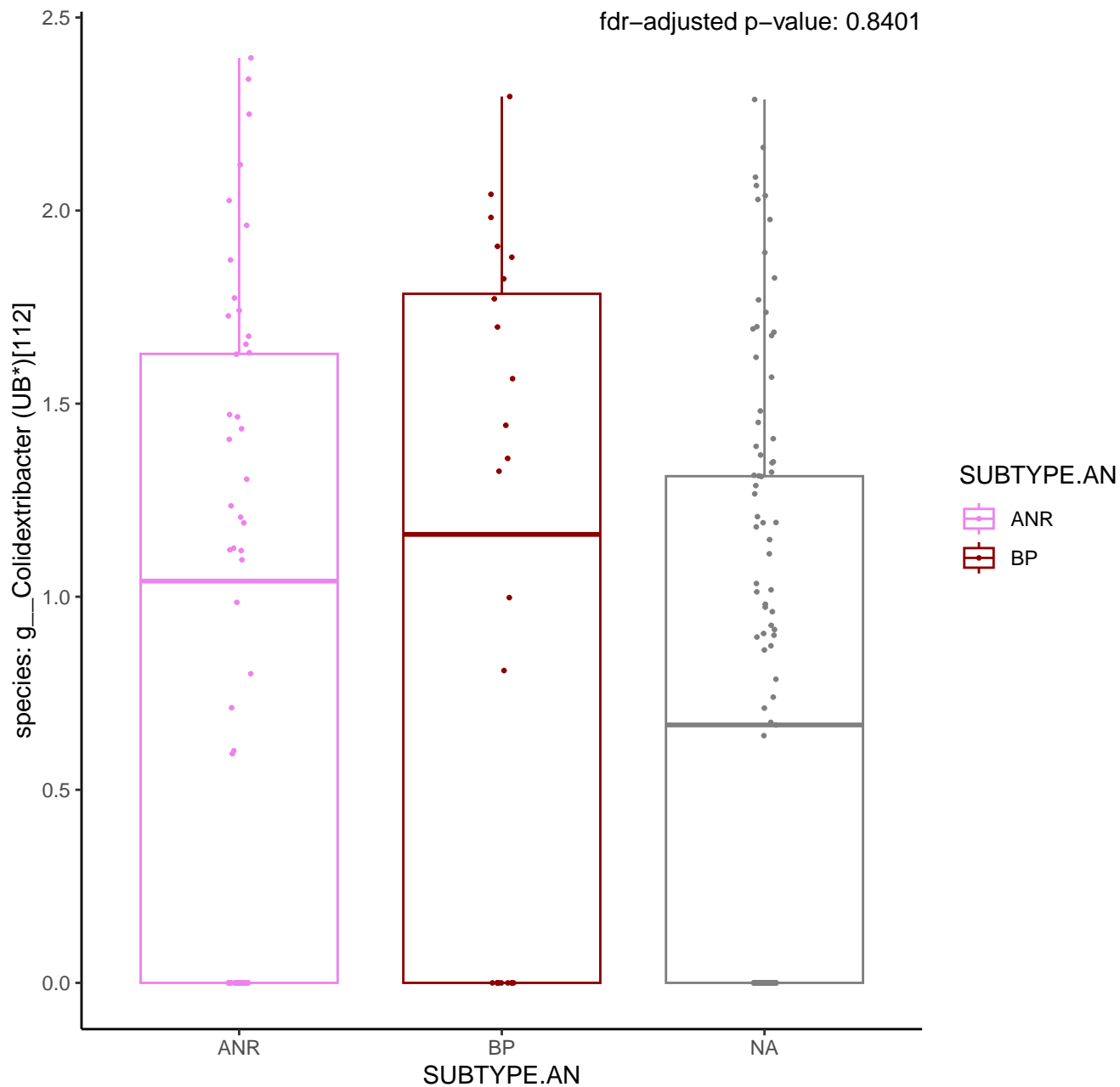
ANR

BP



anova p-value: 0.71552

fdr-adjusted p-value: 0.8401



anova p-value: 0.71708

fdr-adjusted p-value: 0.8401

species: g__Haemophilus (UB*)[109]

SUBTYPE.AN

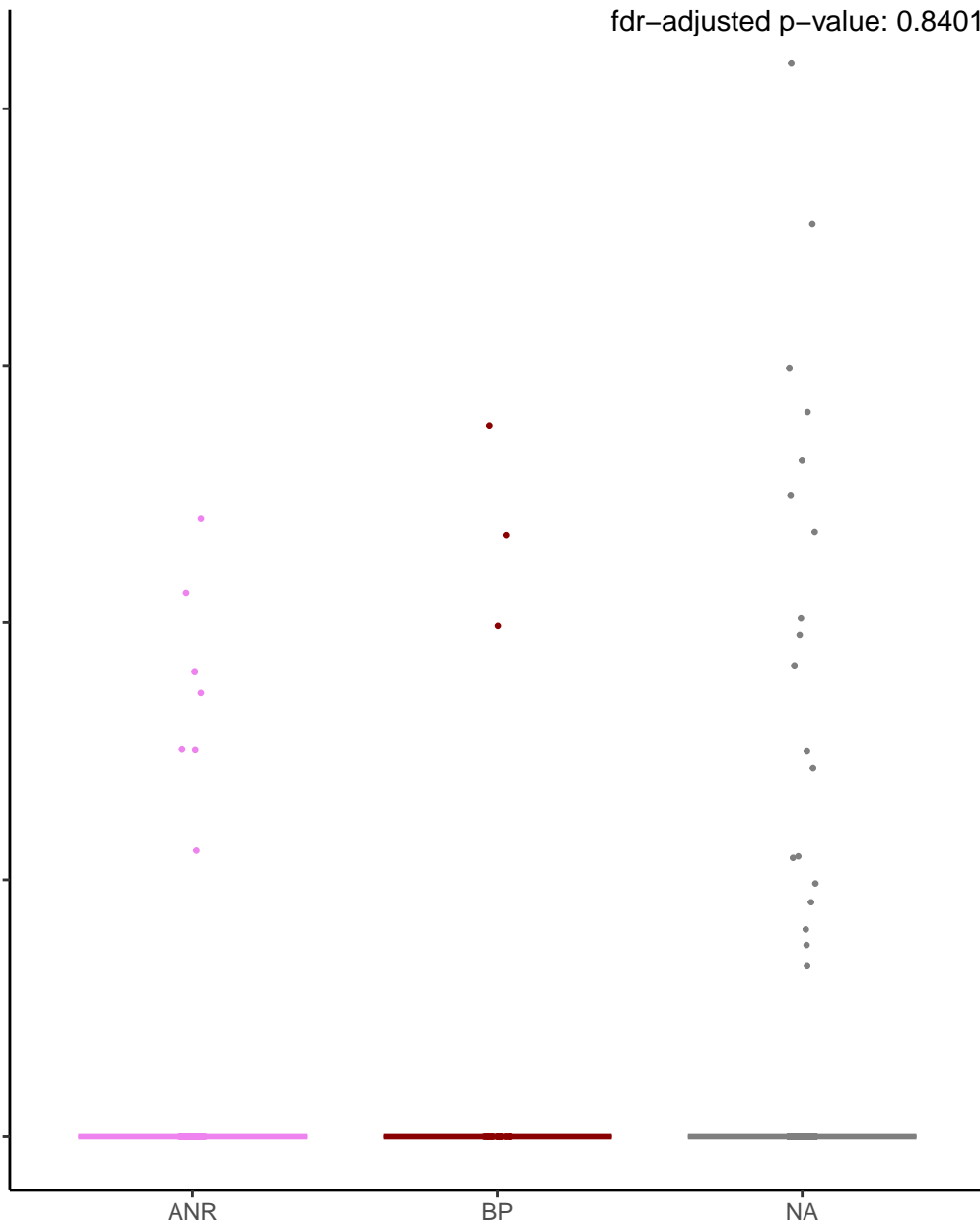
ANR
BP

ANR

BP

NA

SUBTYPE.AN



anova p-value: 0.71897

fdr-adjusted p-value: 0.8401

species: Streptococcus_sp.[33]

SUBTYPE.AN

ANR

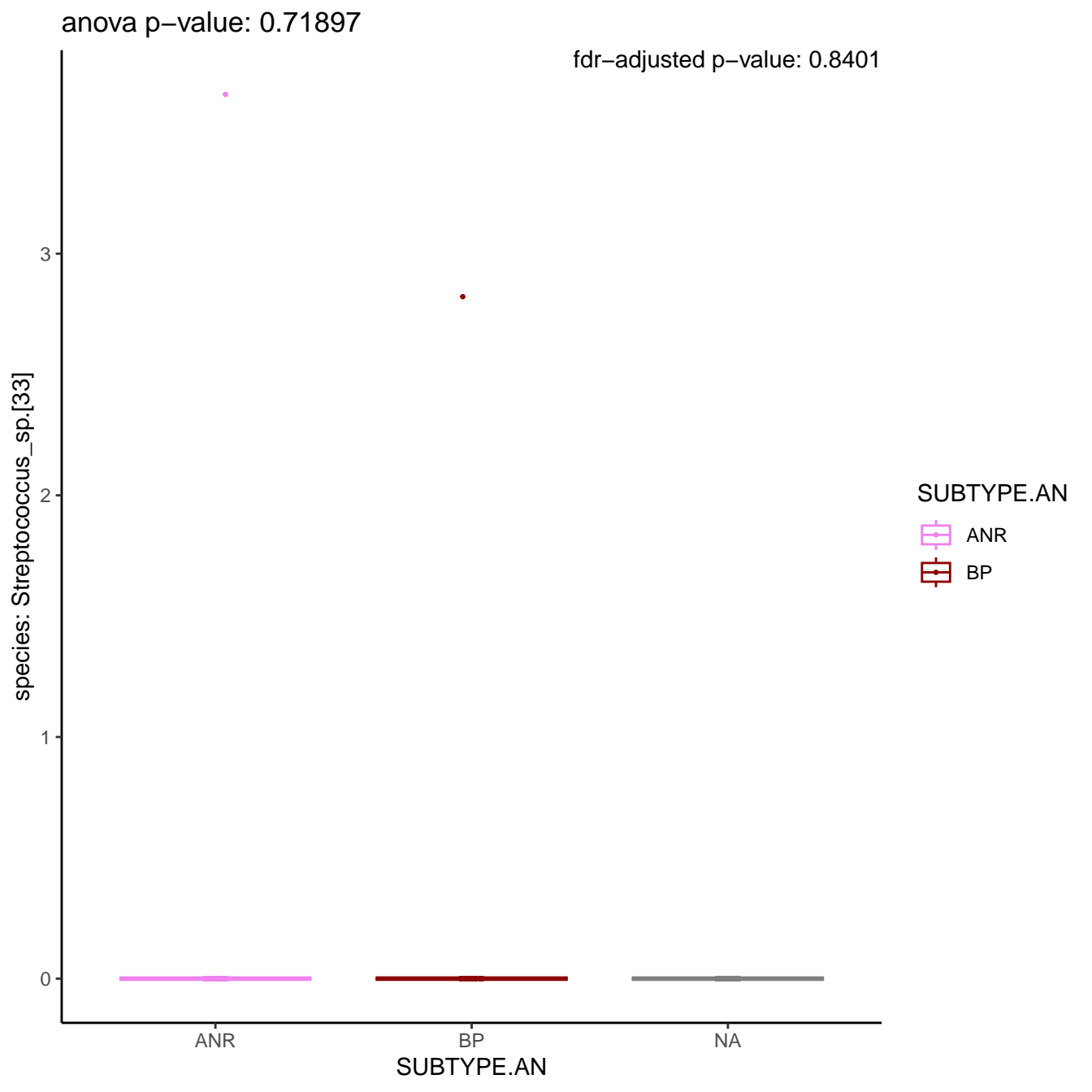
BP

ANR

BP

NA

SUBTYPE.AN



anova p-value: 0.72386

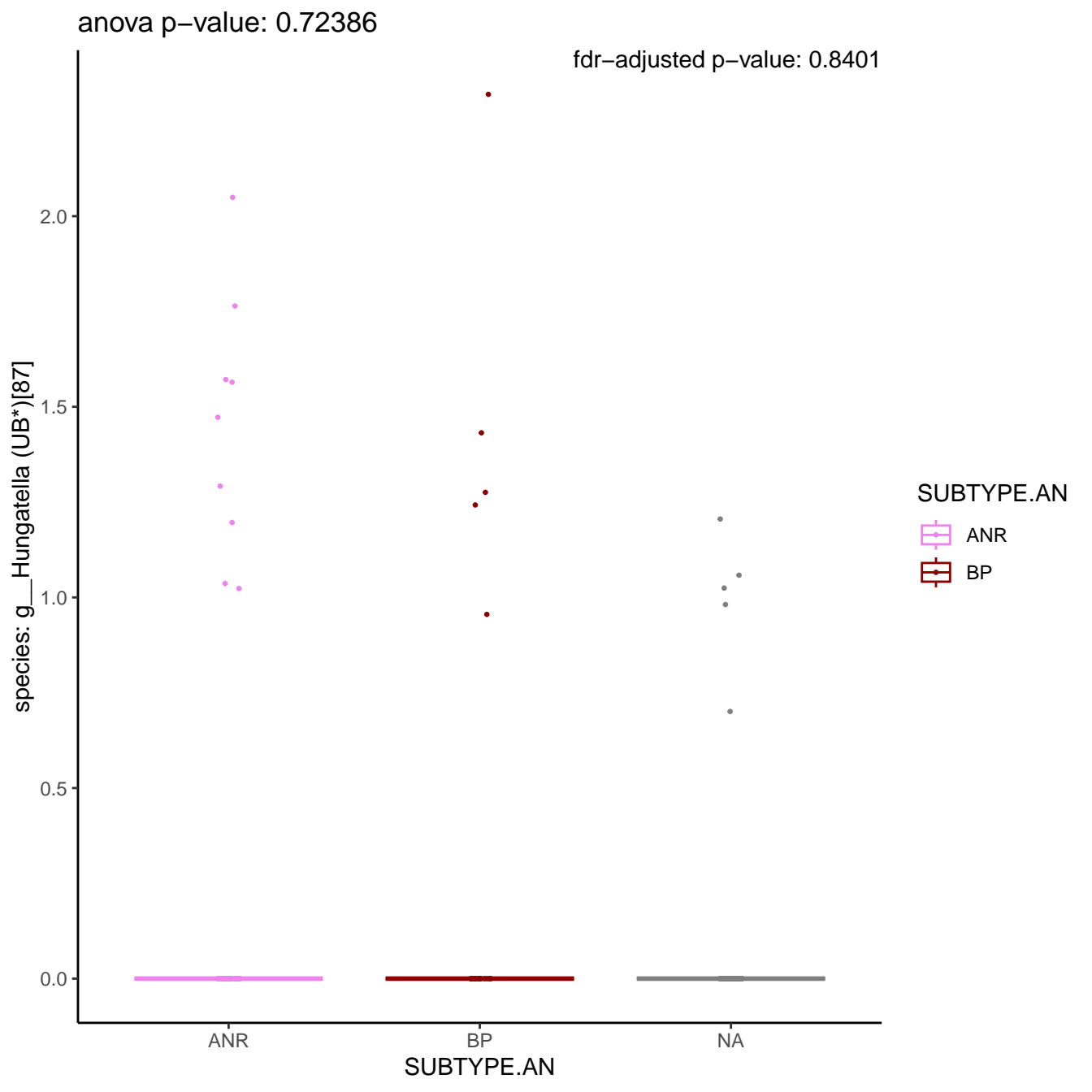
fdr-adjusted p-value: 0.8401

species: g__Hungatella (UB*)[87]

SUBTYPE.AN

ANR

BP



anova p-value: 0.75131

fdr-adjusted p-value: 0.85394

species: g__uncultured (UB*)[158]

SUBTYPE.AN

ANR

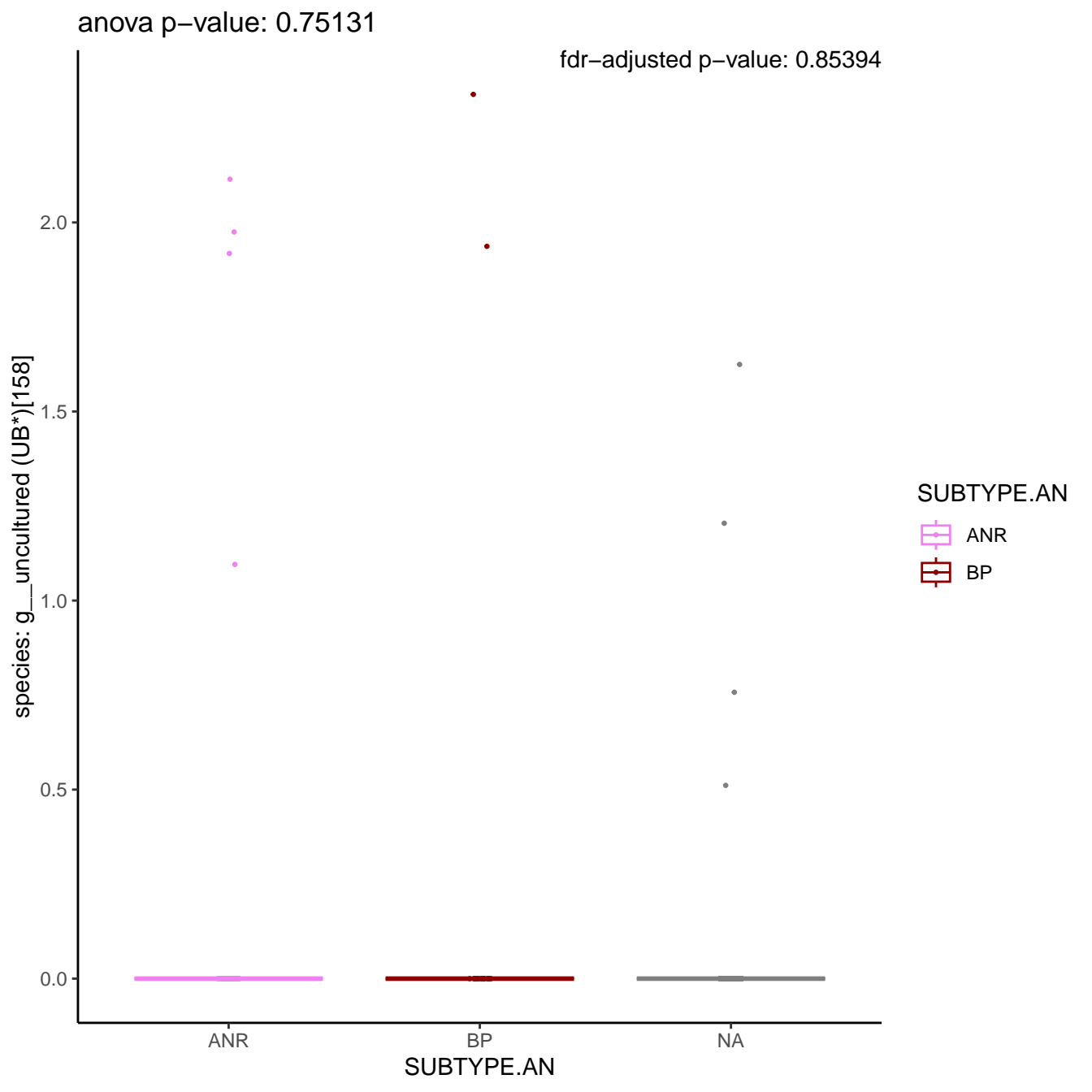
BP

ANR

BP

NA

SUBTYPE.AN



anova p-value: 0.75371

fdr-adjusted p-value: 0.85394

species: g__Incertae_Sedis (UB*)[76]

SUBTYPE.AN

ANR

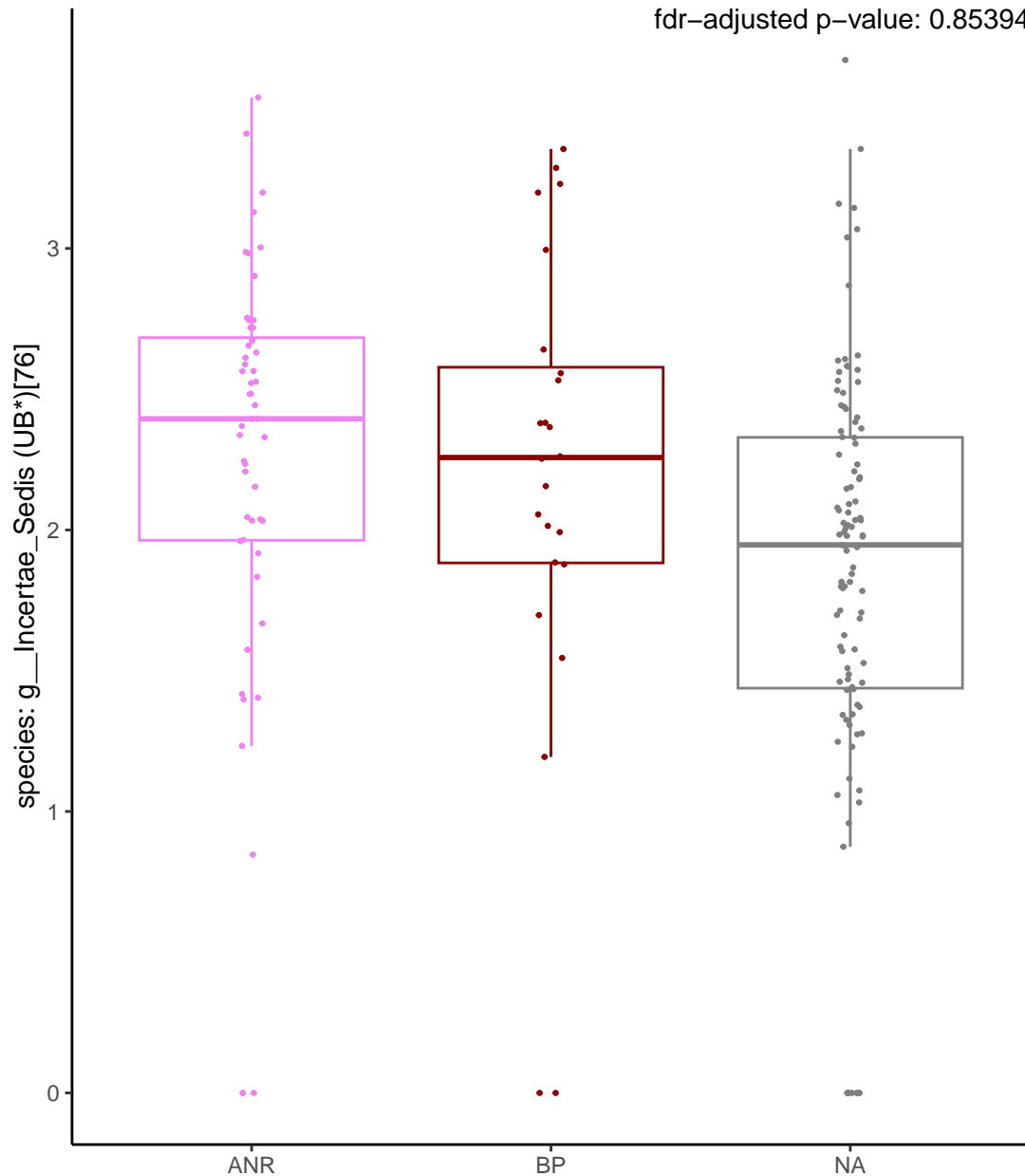
BP

ANR

BP

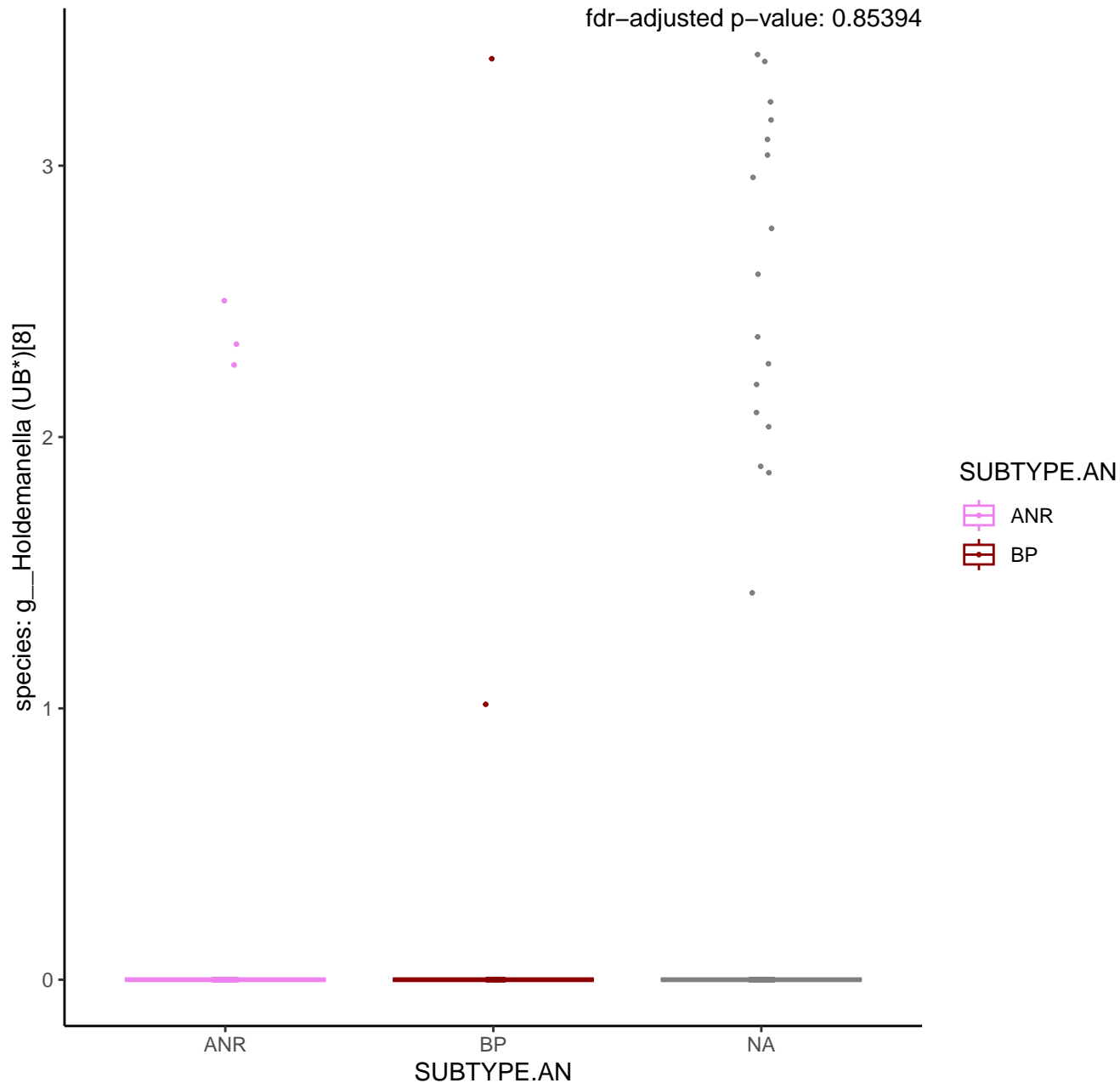
NA

SUBTYPE.AN



anova p-value: 0.75633

fdr-adjusted p-value: 0.85394



anova p-value: 0.75855

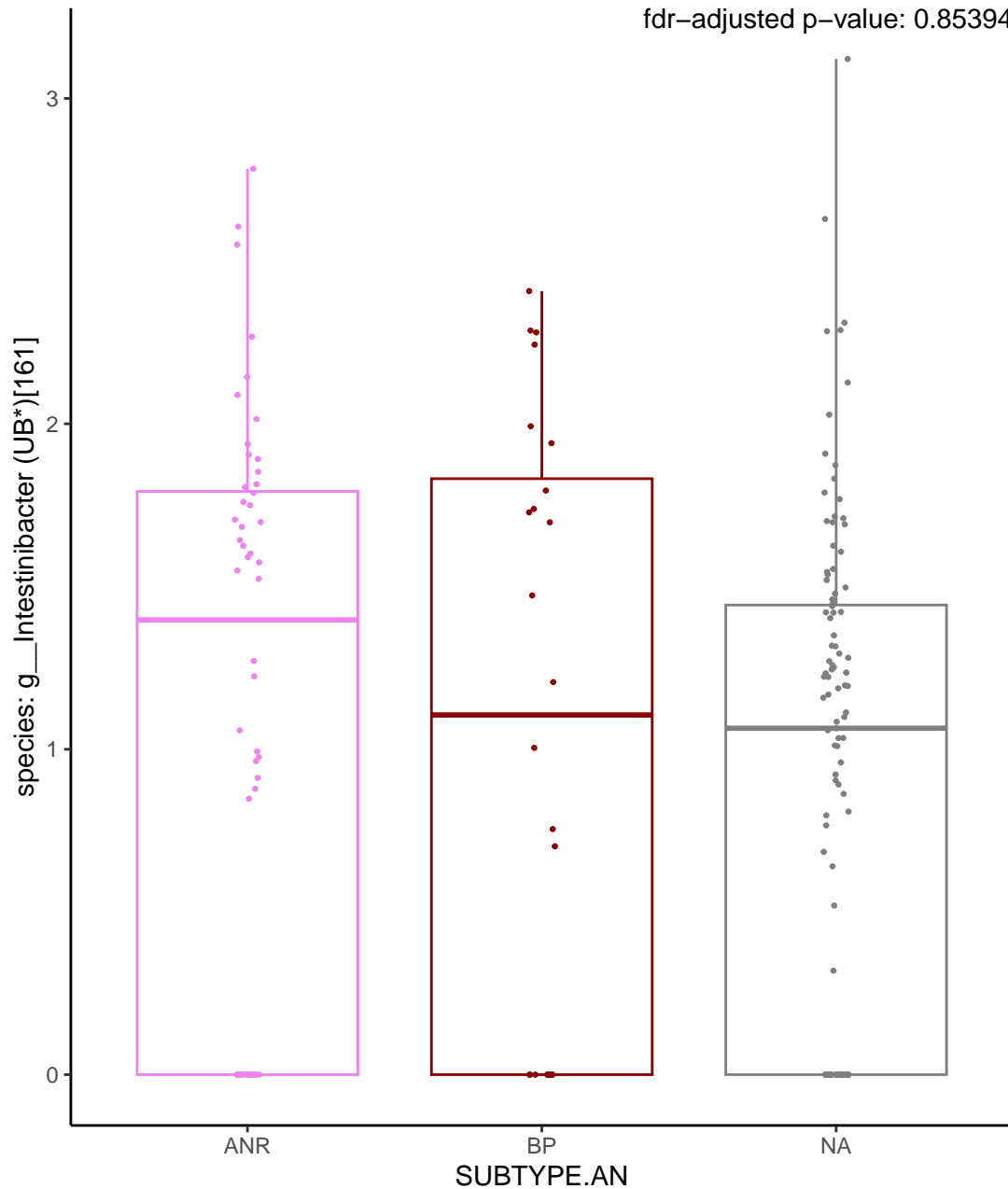
fdr-adjusted p-value: 0.85394

species: g__Intestinibacter (UB*)[161]

SUBTYPE.AN

ANR

BP



anova p-value: 0.76264

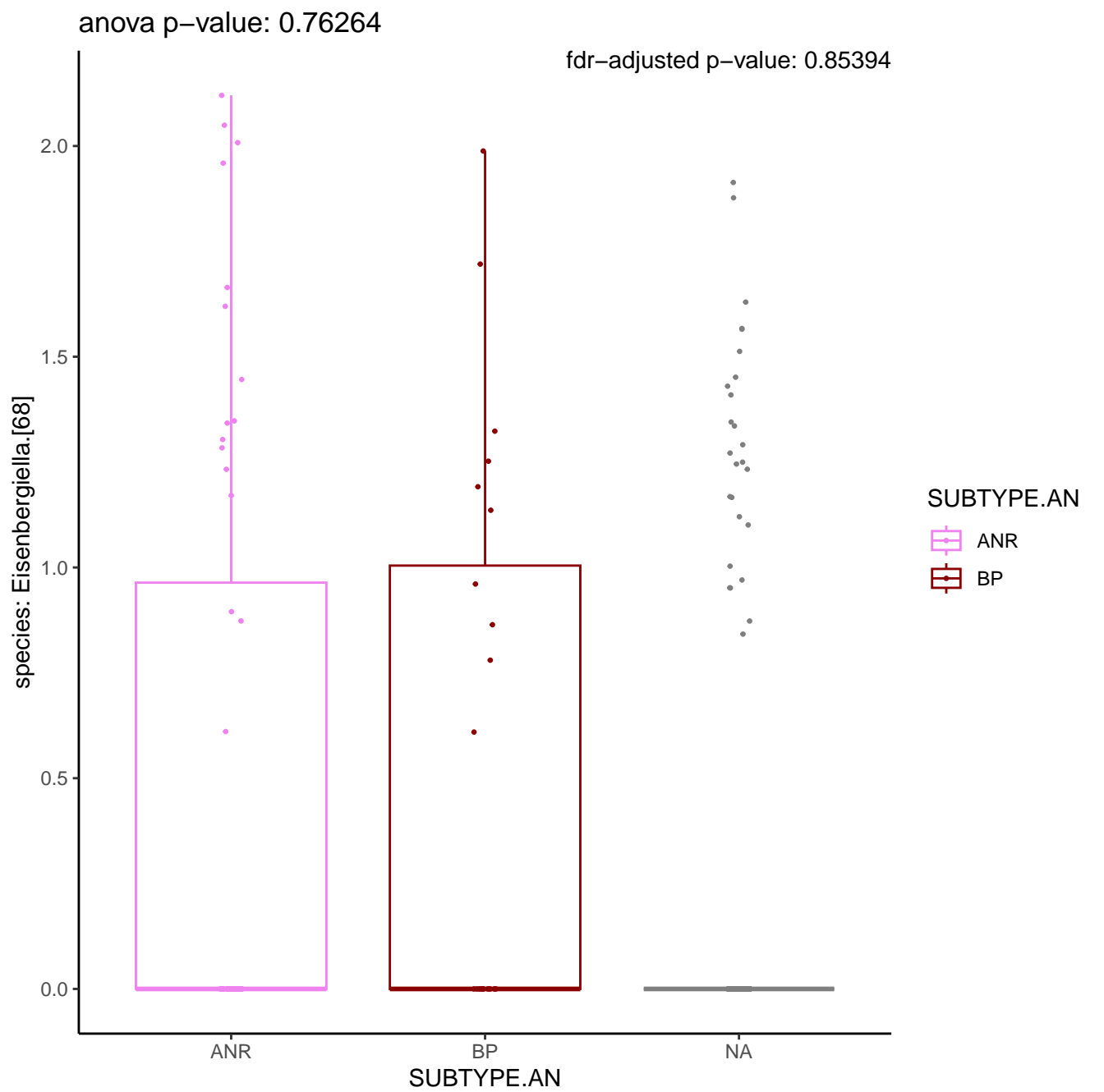
fdr-adjusted p-value: 0.85394

species: Eisenbergiella.[68]

SUBTYPE.AN

ANR

BP



anova p-value: 0.80222

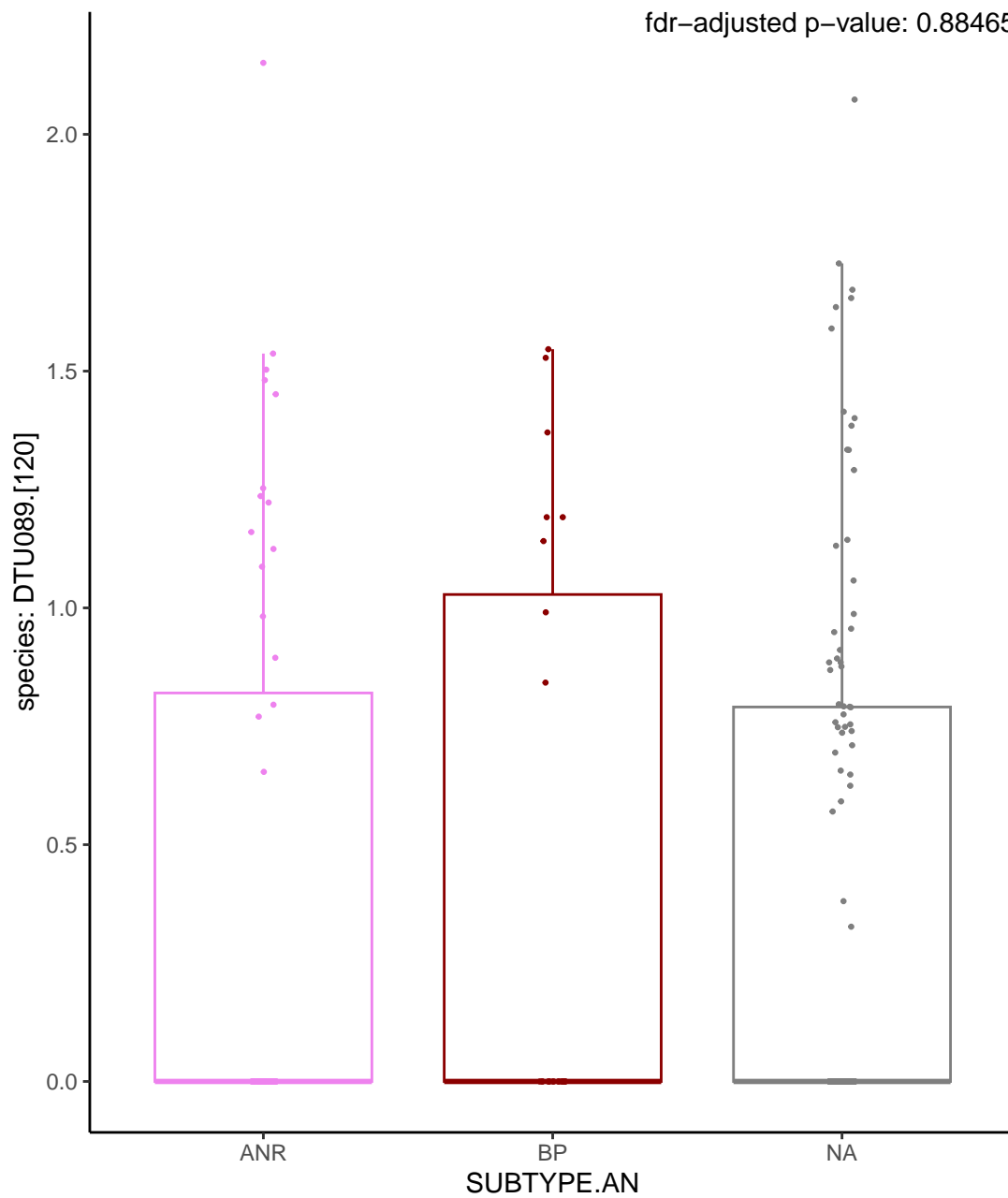
fdr-adjusted p-value: 0.88465

species: DTU089.[120]

SUBTYPE.AN

ANR

BP



anova p-value: 0.80251

fdr-adjusted p-value: 0.88465

species: g__RF39 (UB*)[110]

SUBTYPE.AN

ANR

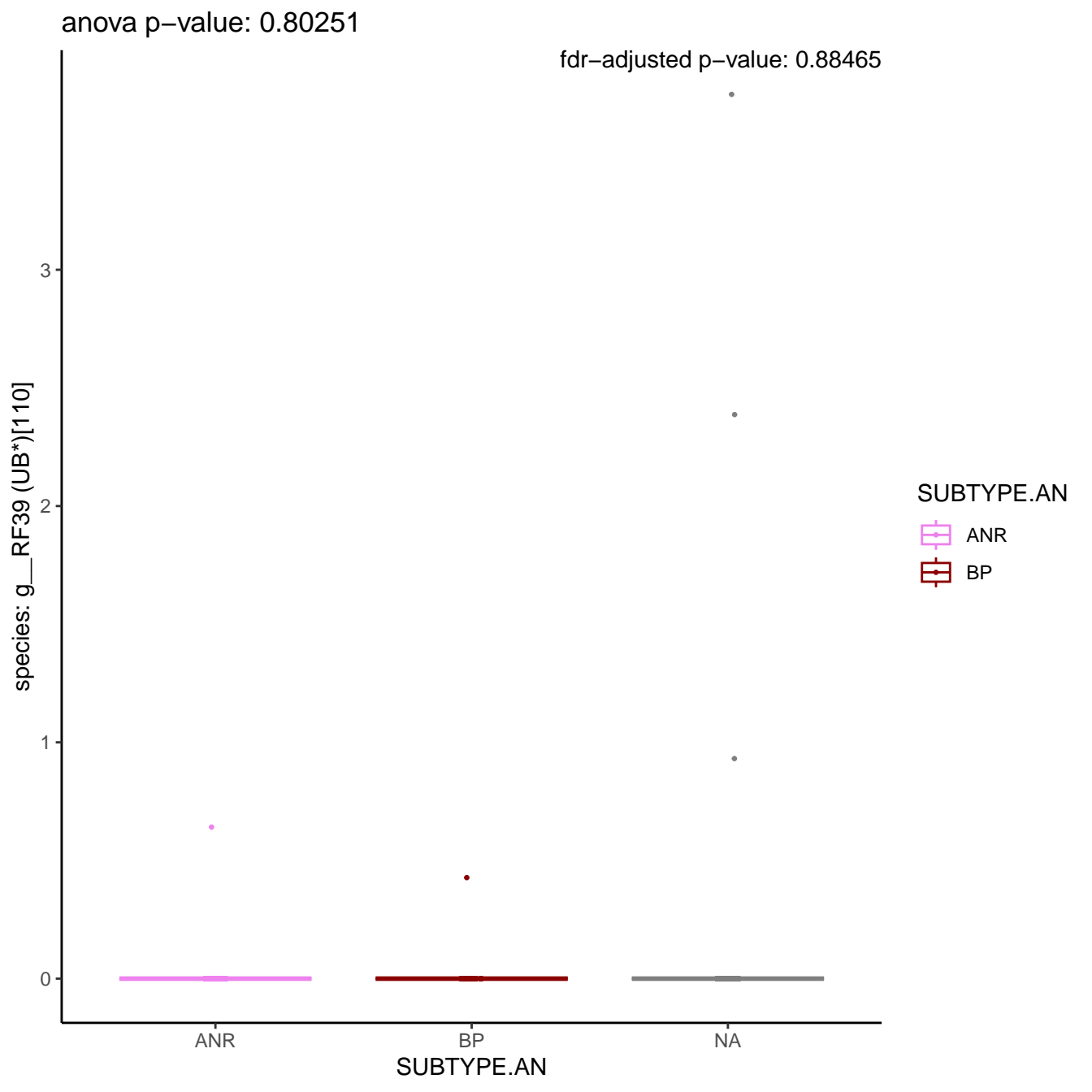
BP

ANR

BP

NA

SUBTYPE.AN



anova p-value: 0.80675

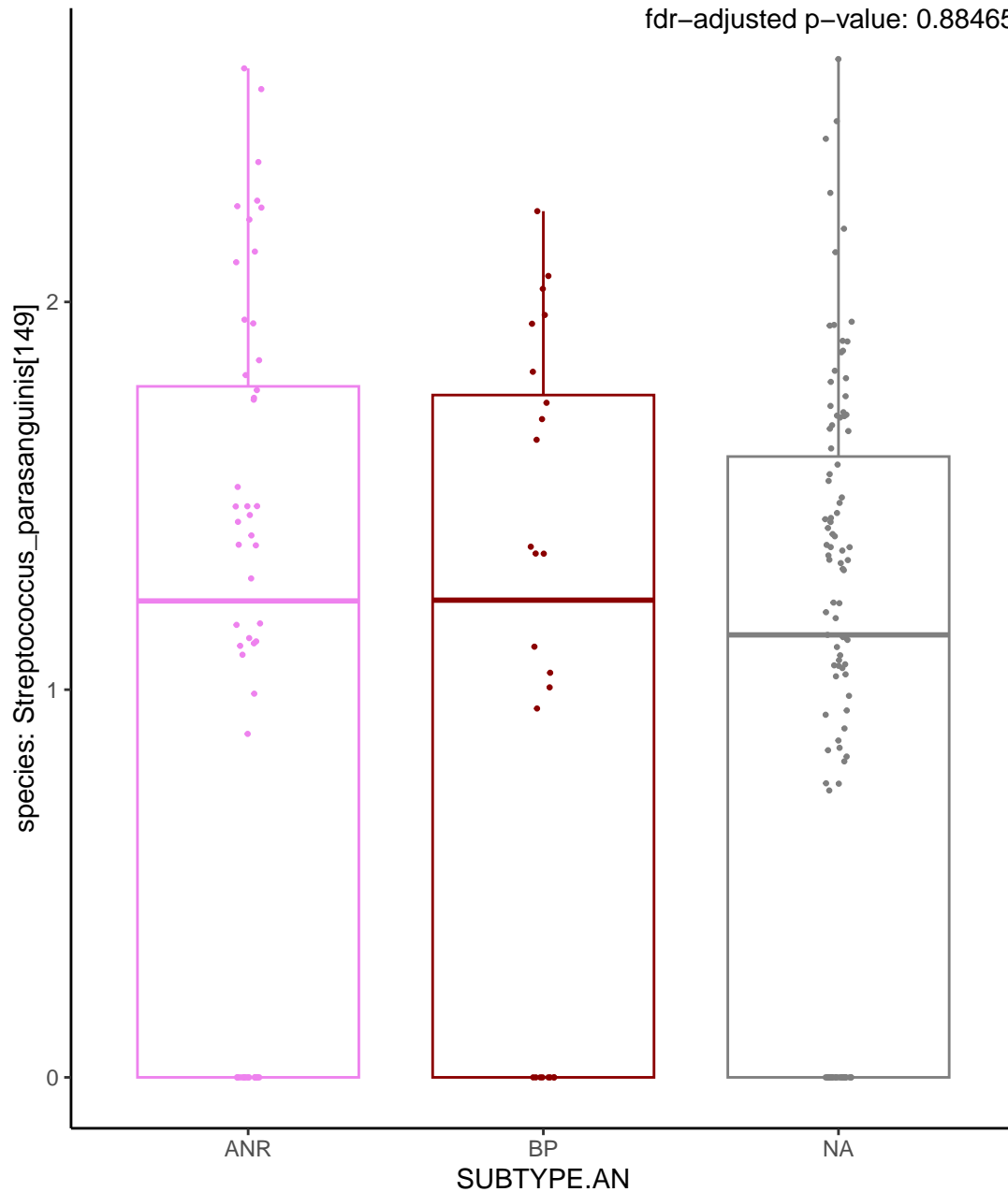
fdr-adjusted p-value: 0.88465

species: *Streptococcus parasanguinis*[149]

SUBTYPE.AN

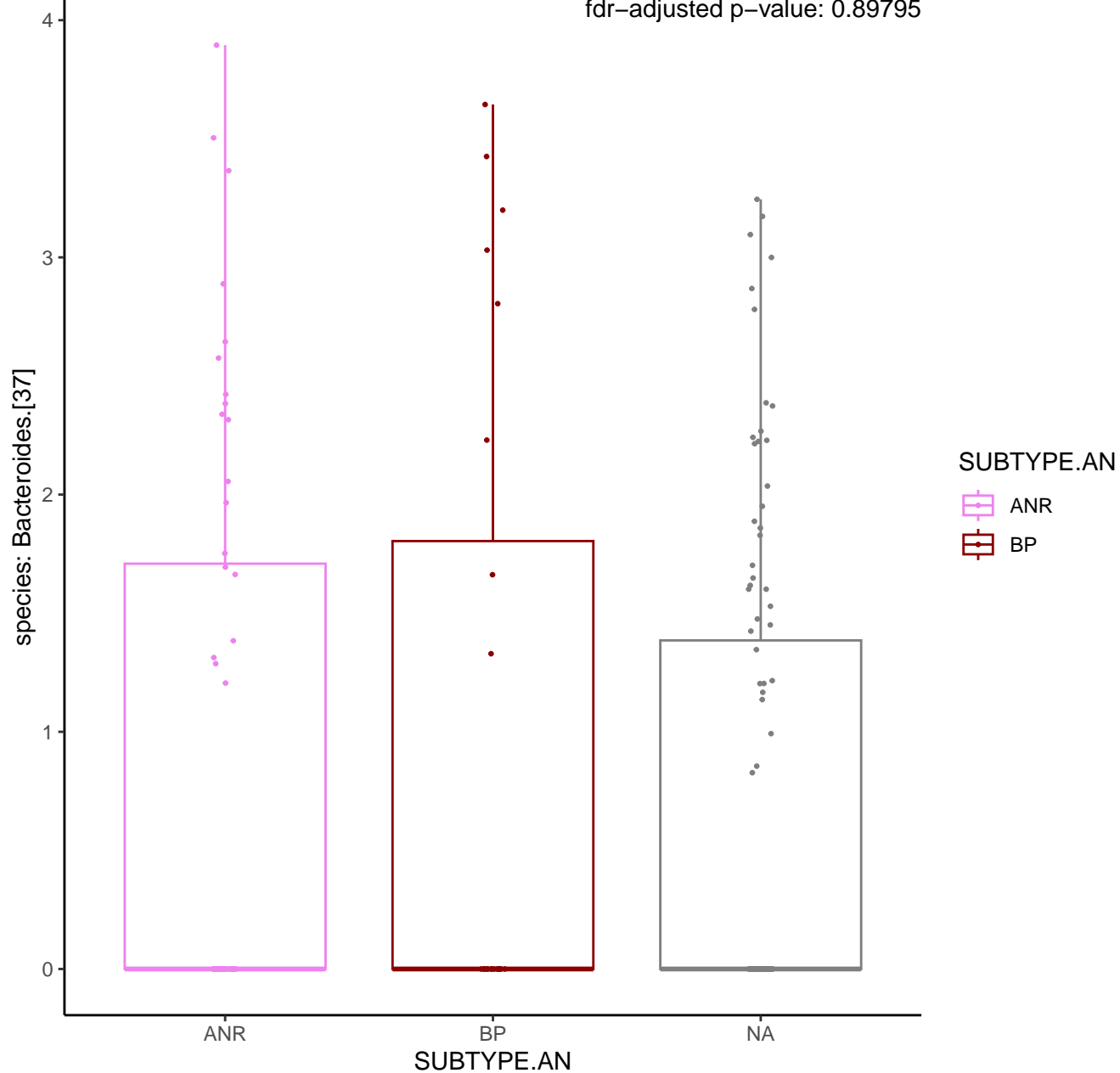
ANR

BP



anova p-value: 0.82454

fdr-adjusted p-value: 0.89795



anova p-value: 0.8452

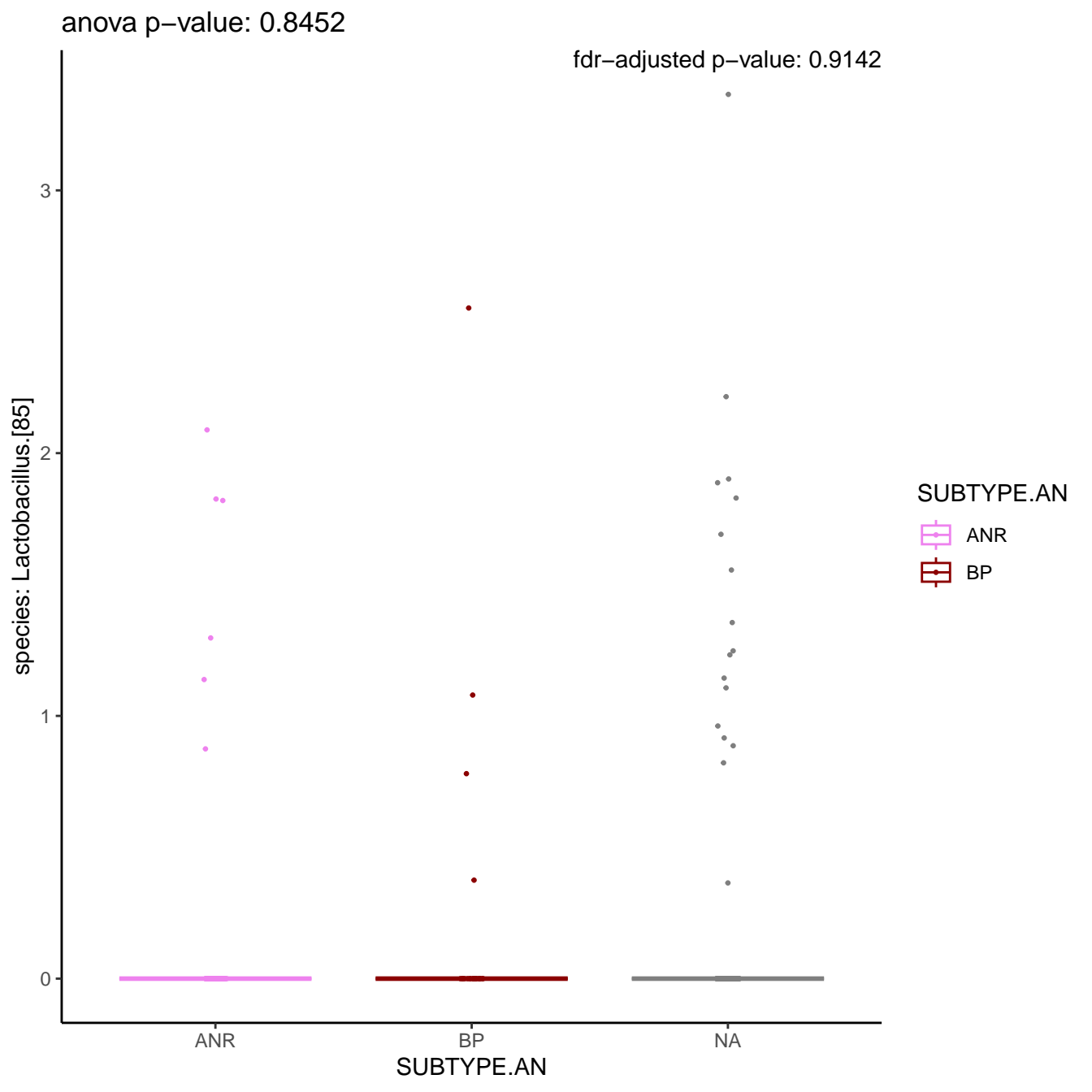
fdr-adjusted p-value: 0.9142

species: Lactobacillus.[85]

SUBTYPE.AN

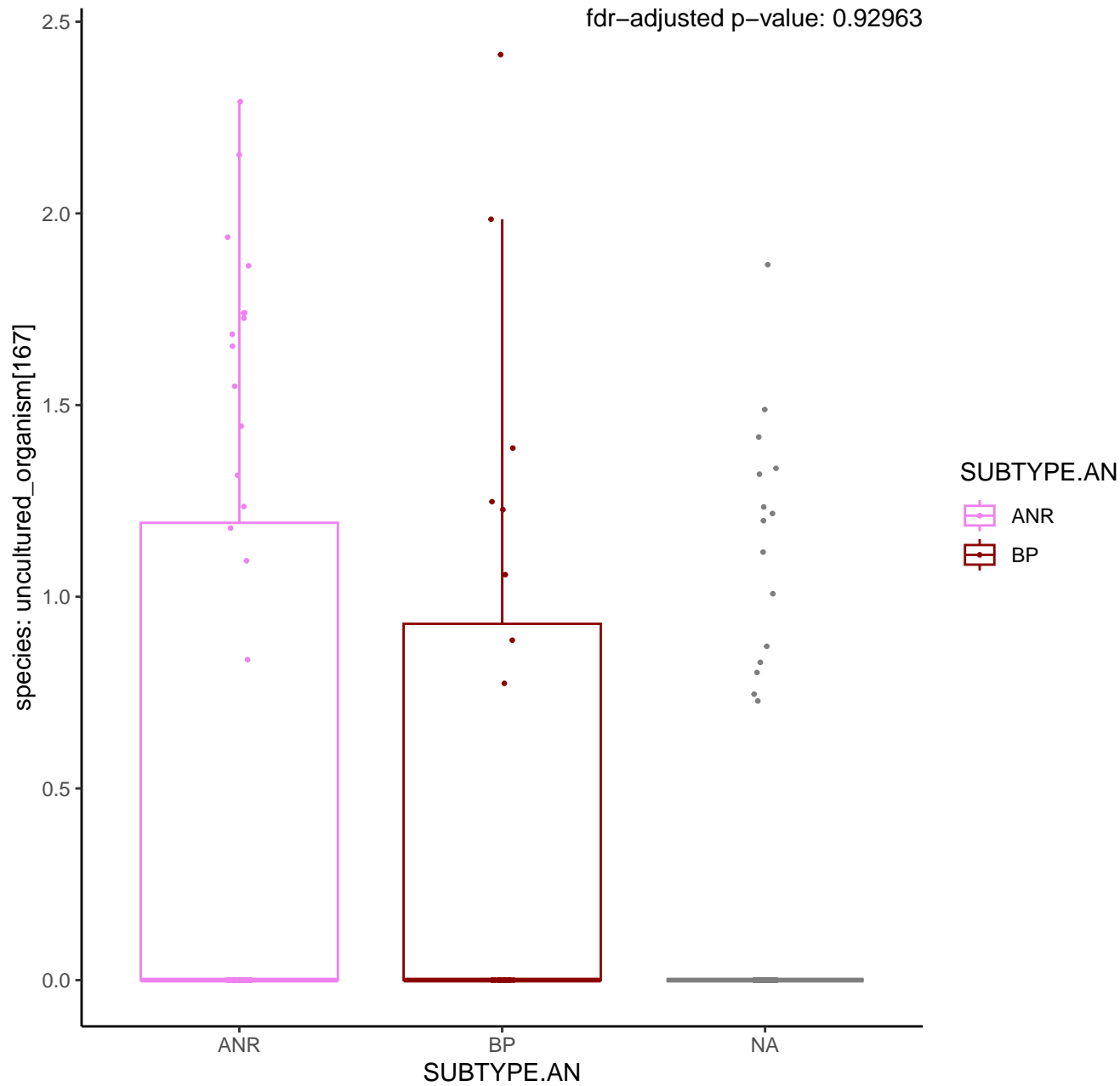
ANR

BP



anova p-value: 0.86531

fdr-adjusted p-value: 0.92963



anova p-value: 0.87882

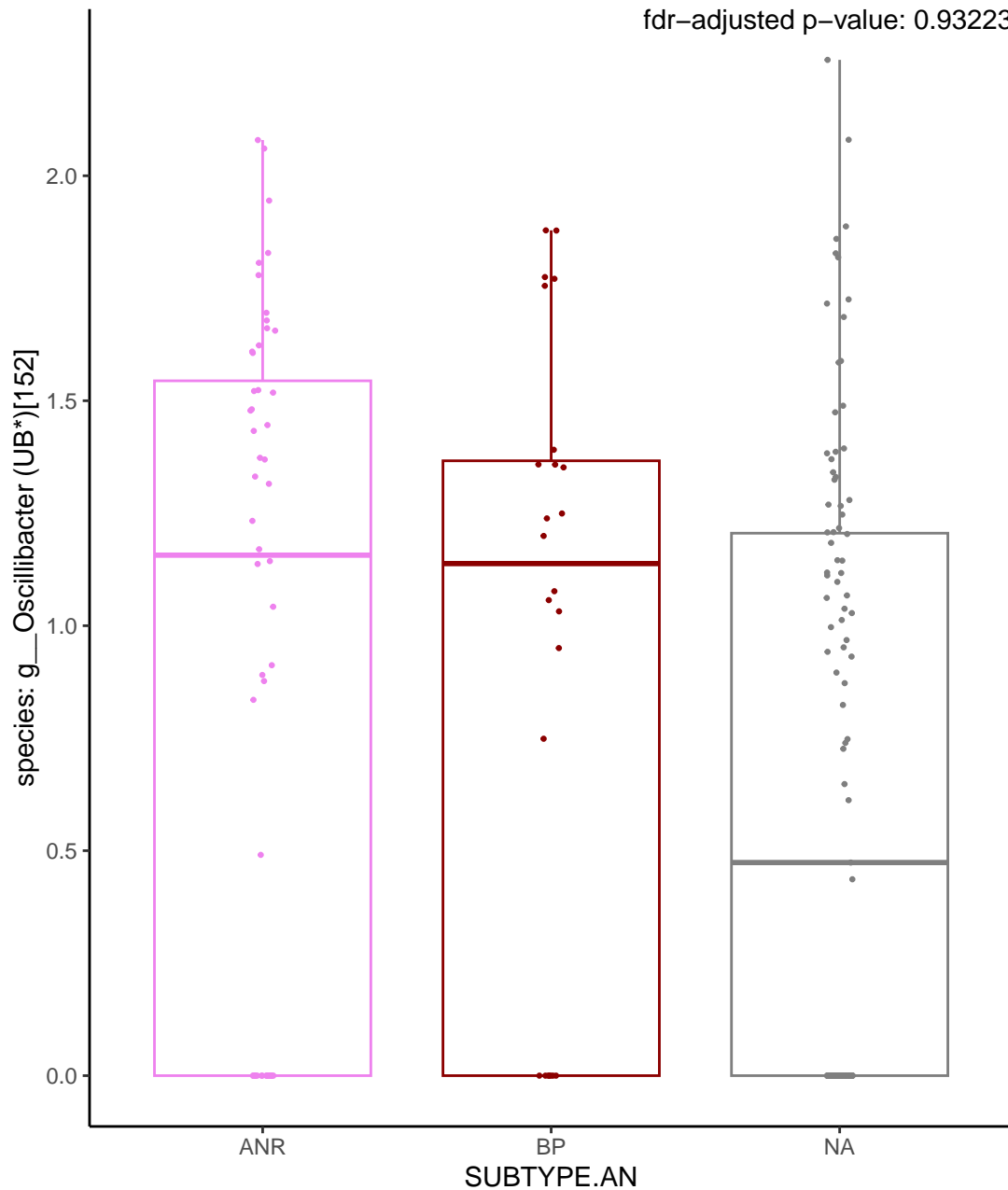
fdr-adjusted p-value: 0.93223

species: g__Oscillibacter (UB*)[152]

SUBTYPE.AN

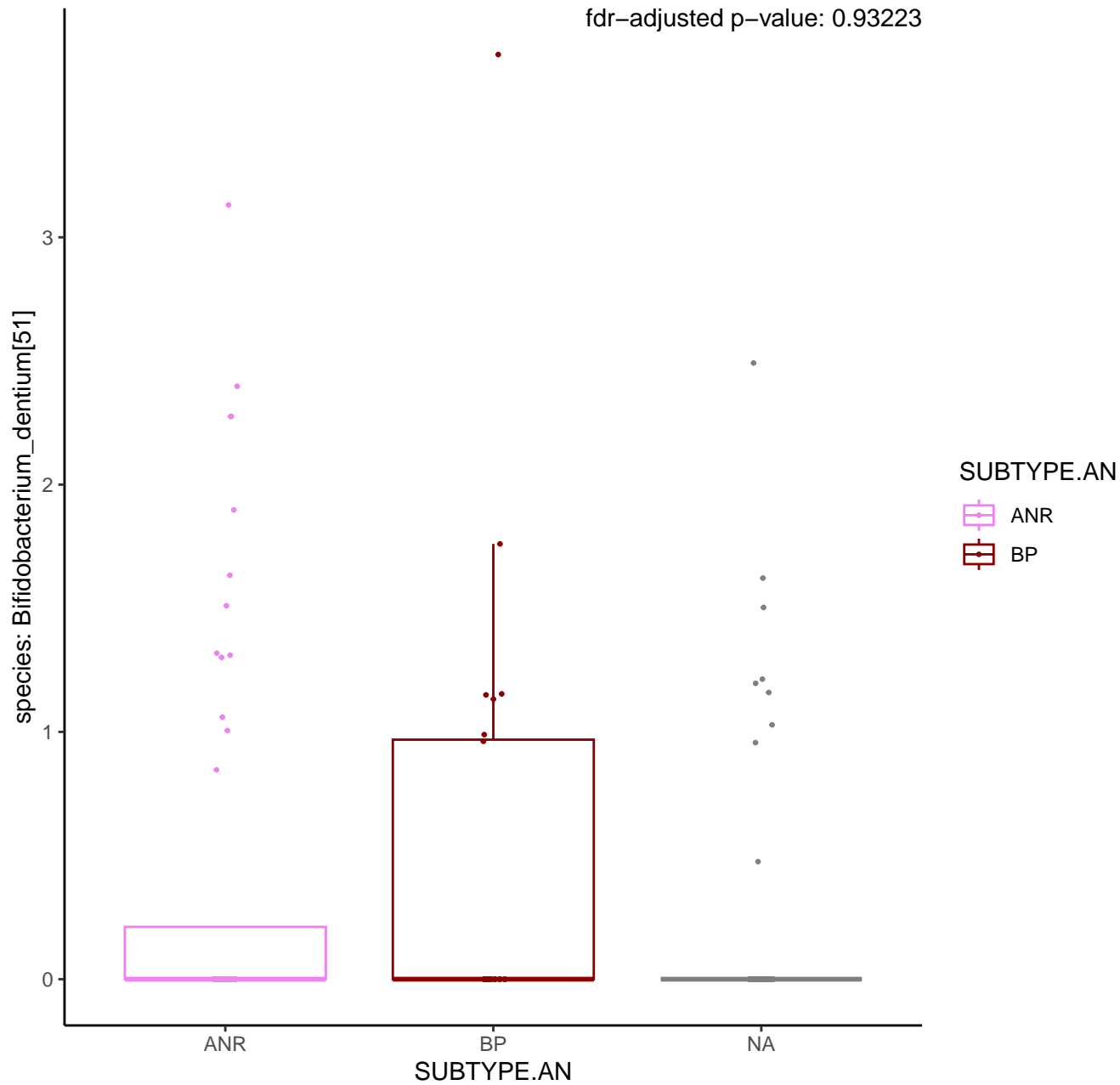
ANR

BP



anova p-value: 0.87946

fdr-adjusted p-value: 0.93223



anova p-value: 0.89925

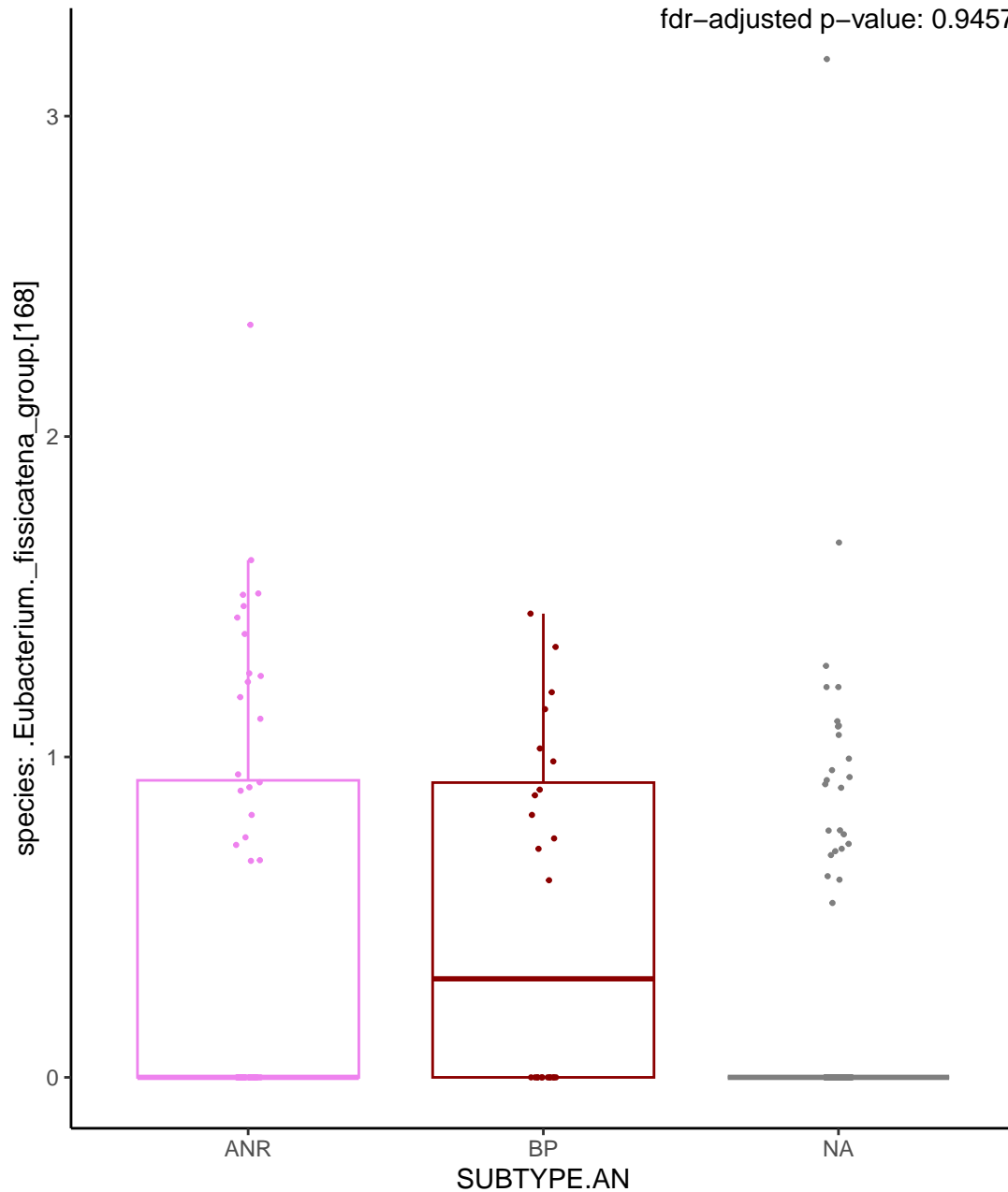
fdr-adjusted p-value: 0.9457

species: *Eubacterium._fissicatena_group*.[168]

SUBTYPE.AN

ANR

BP



anova p-value: 0.90407

fdr-adjusted p-value: 0.9457

species: Eggerthella.[83]

SUBTYPE.AN

ANR

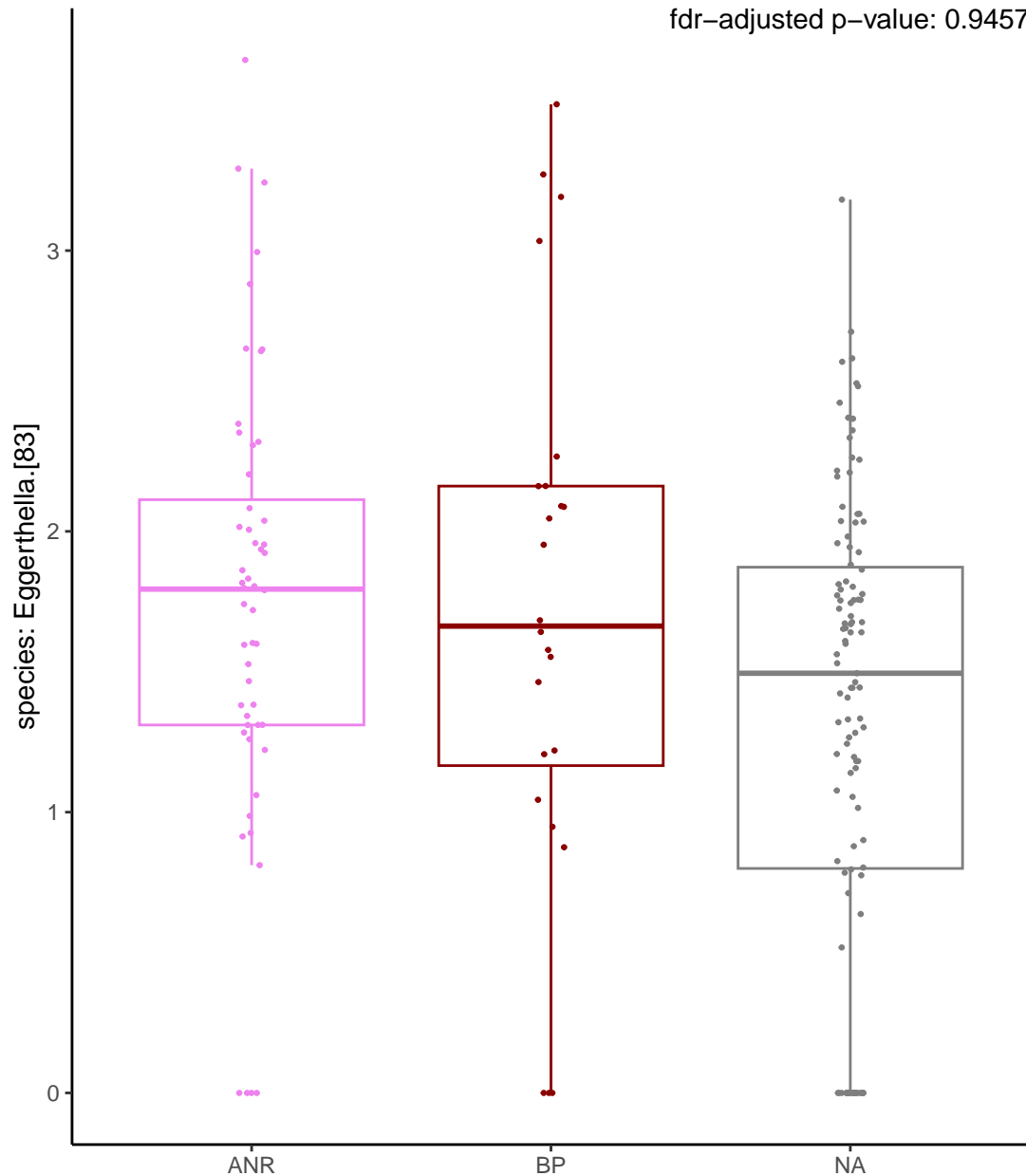
BP

ANR

BP

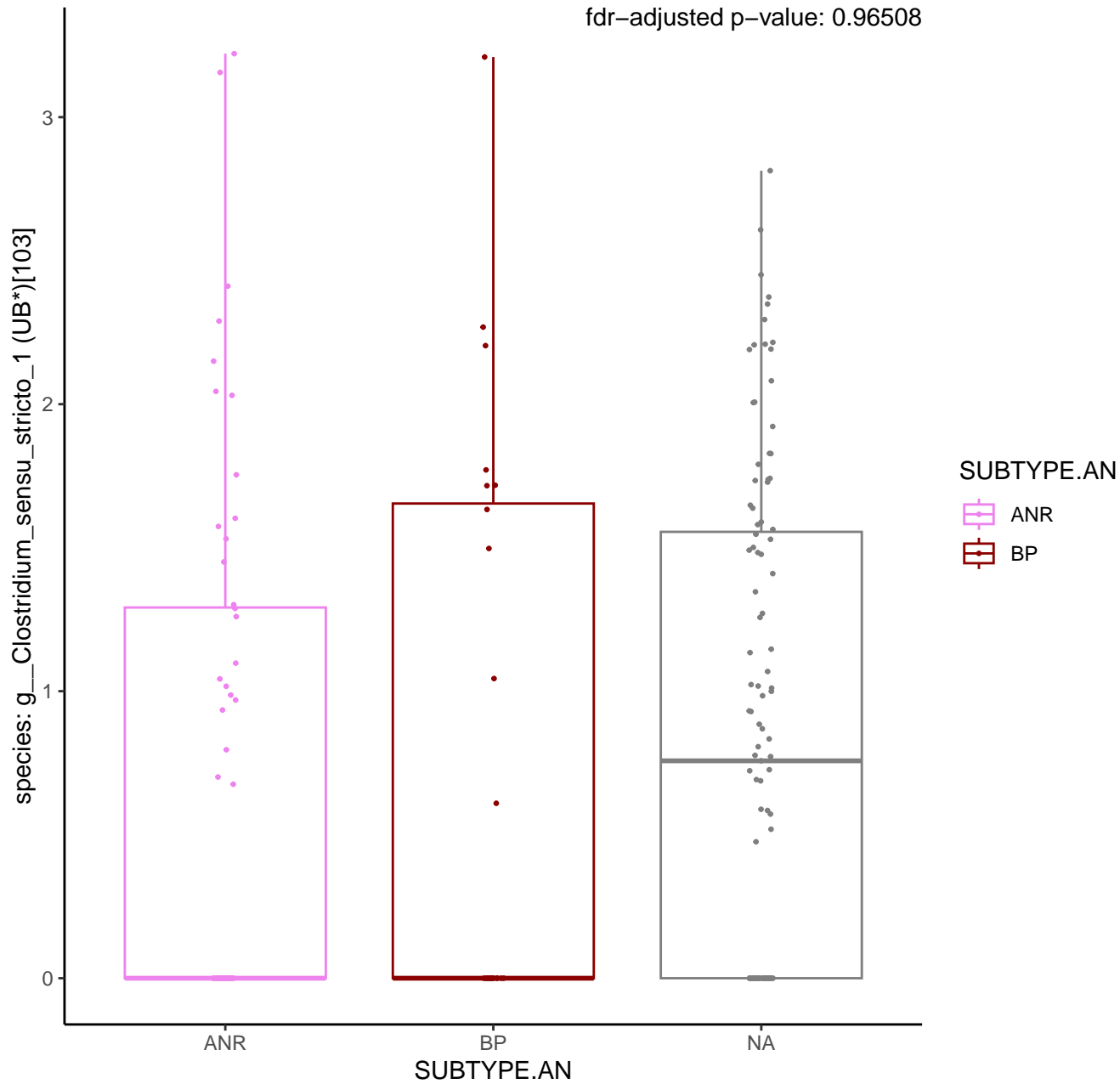
NA

SUBTYPE.AN



anova p-value: 0.93412

fdr-adjusted p-value: 0.96508



anova p-value: 0.93474

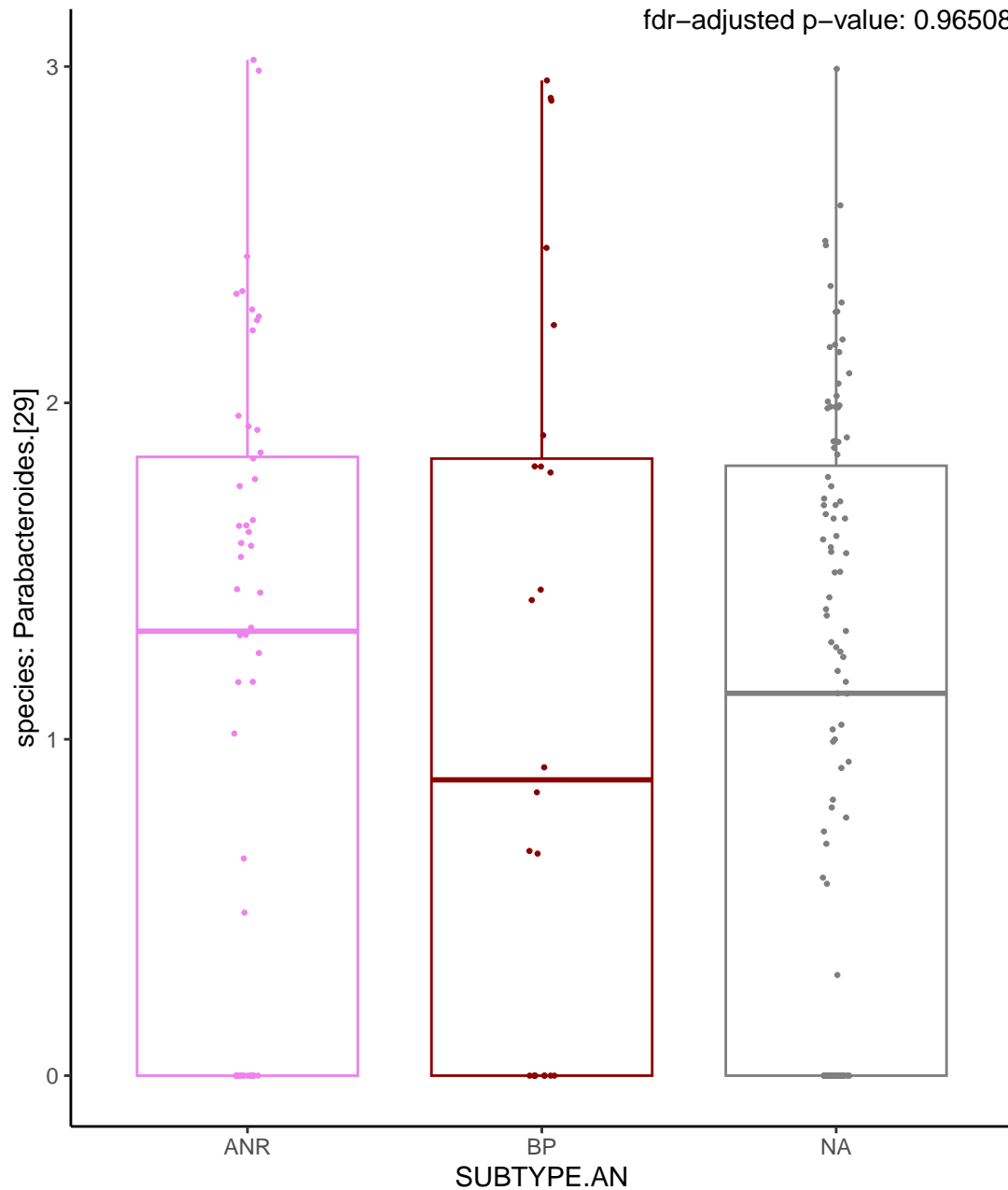
fdr-adjusted p-value: 0.96508

species: Parabacteroides.[29]

SUBTYPE.AN

ANR

BP



anova p-value: 0.94676

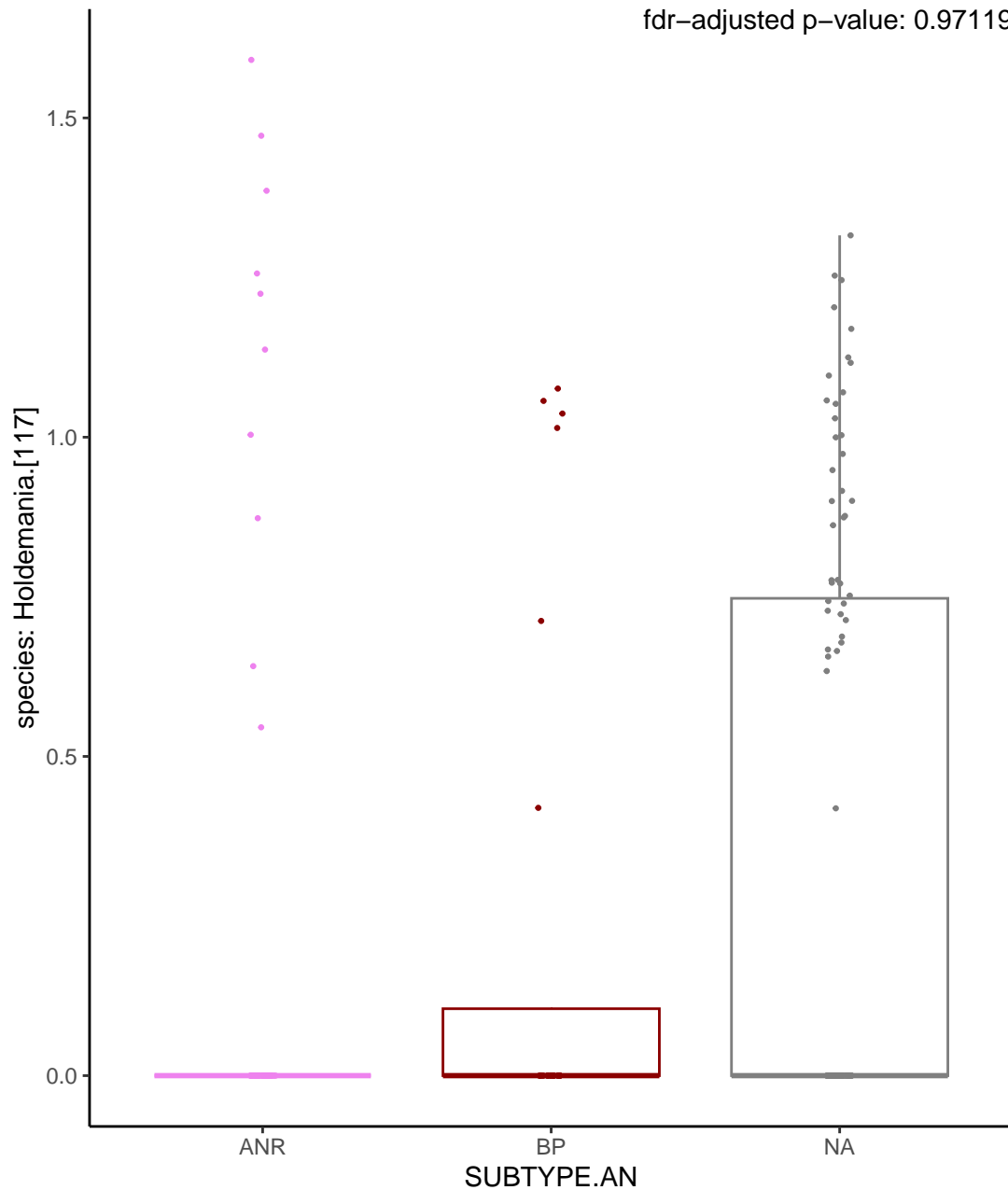
fdr-adjusted p-value: 0.97119

species: Holdemania.[117]

SUBTYPE.AN

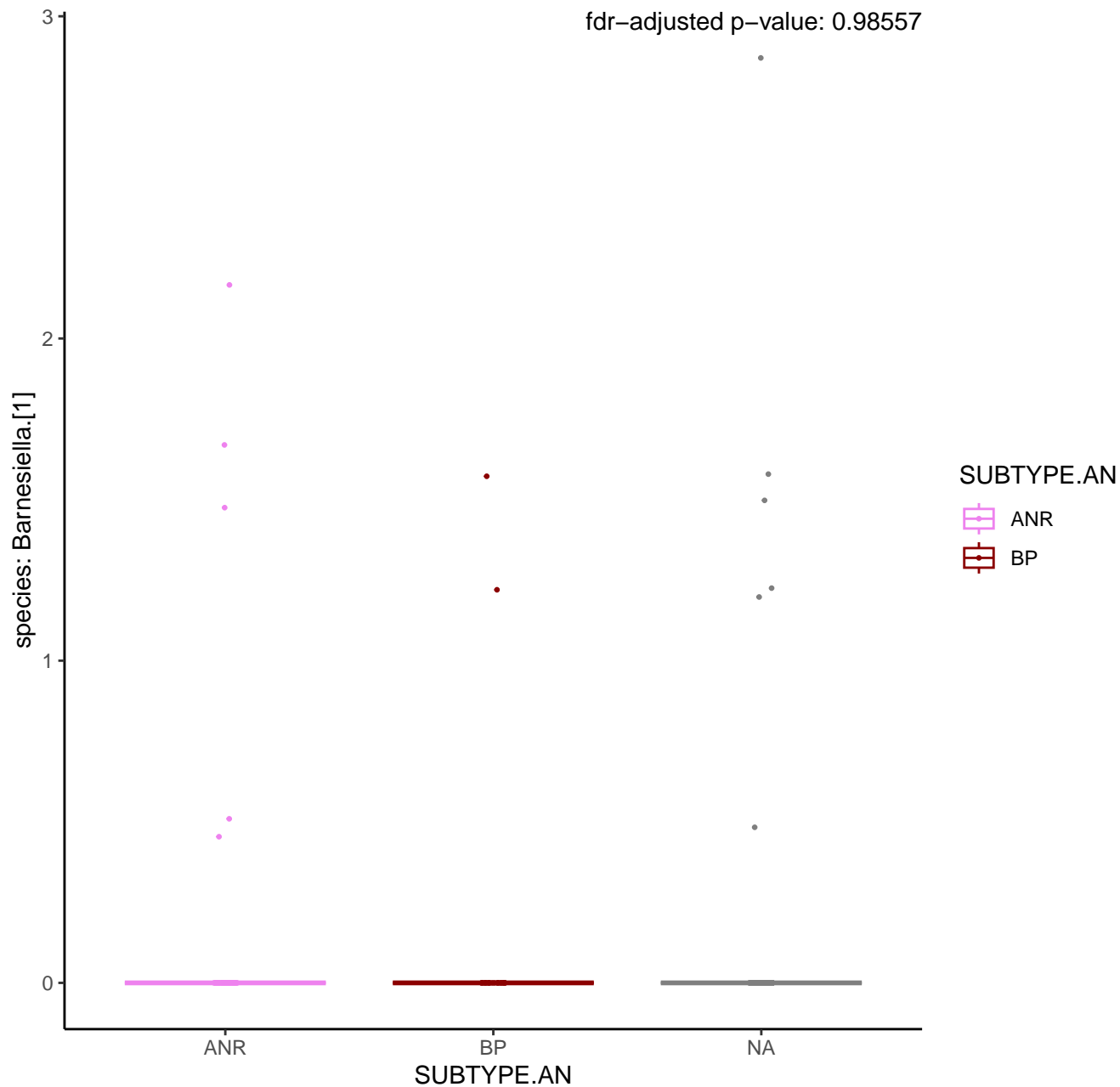
ANR

BP



anova p-value: 0.96697

fdr-adjusted p-value: 0.98557



anova p-value: 0.9779

fdr-adjusted p-value: 0.99035

species: g__Acidaminococcus (UB*)[106]

SUBTYPE.AN

ANR

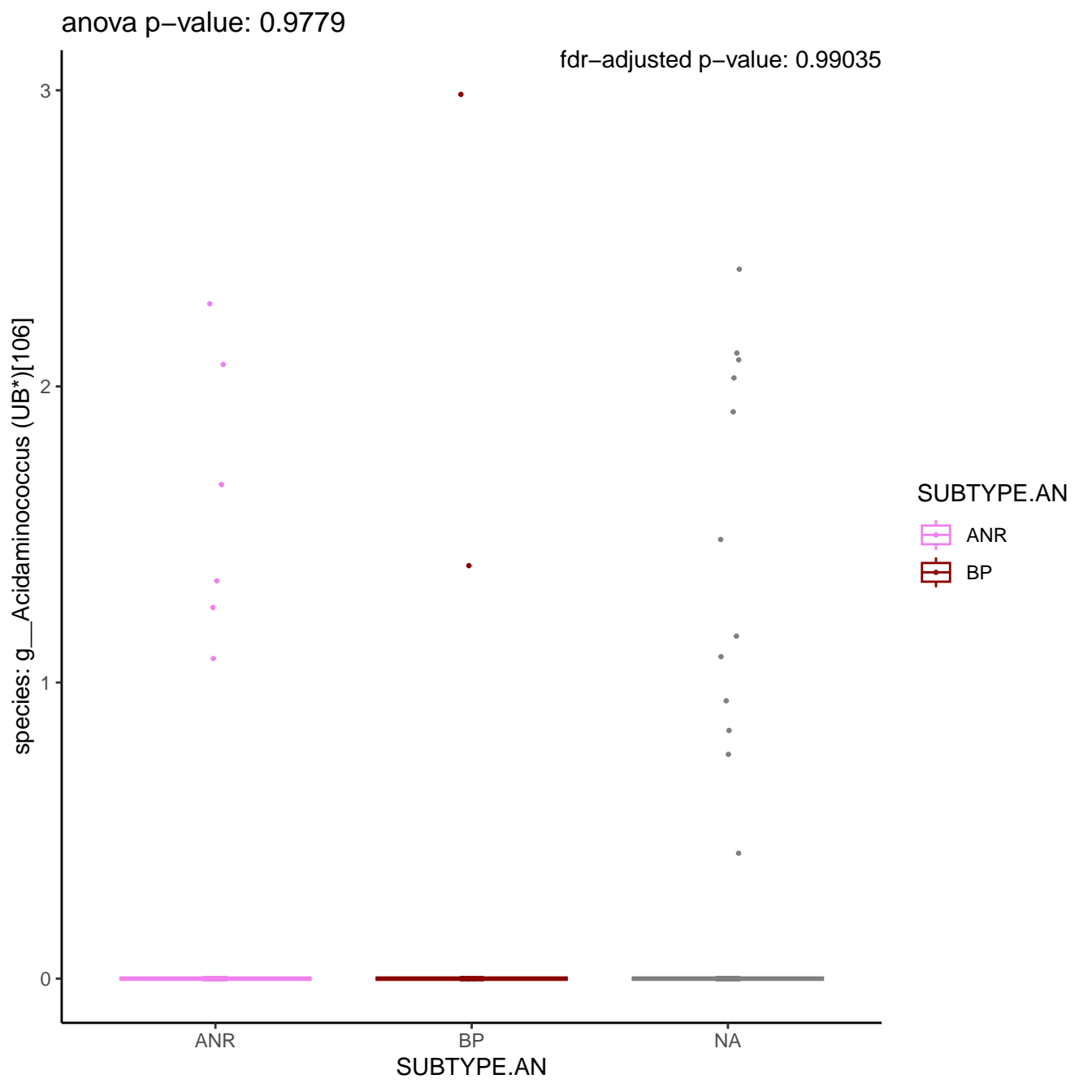
BP

ANR

BP

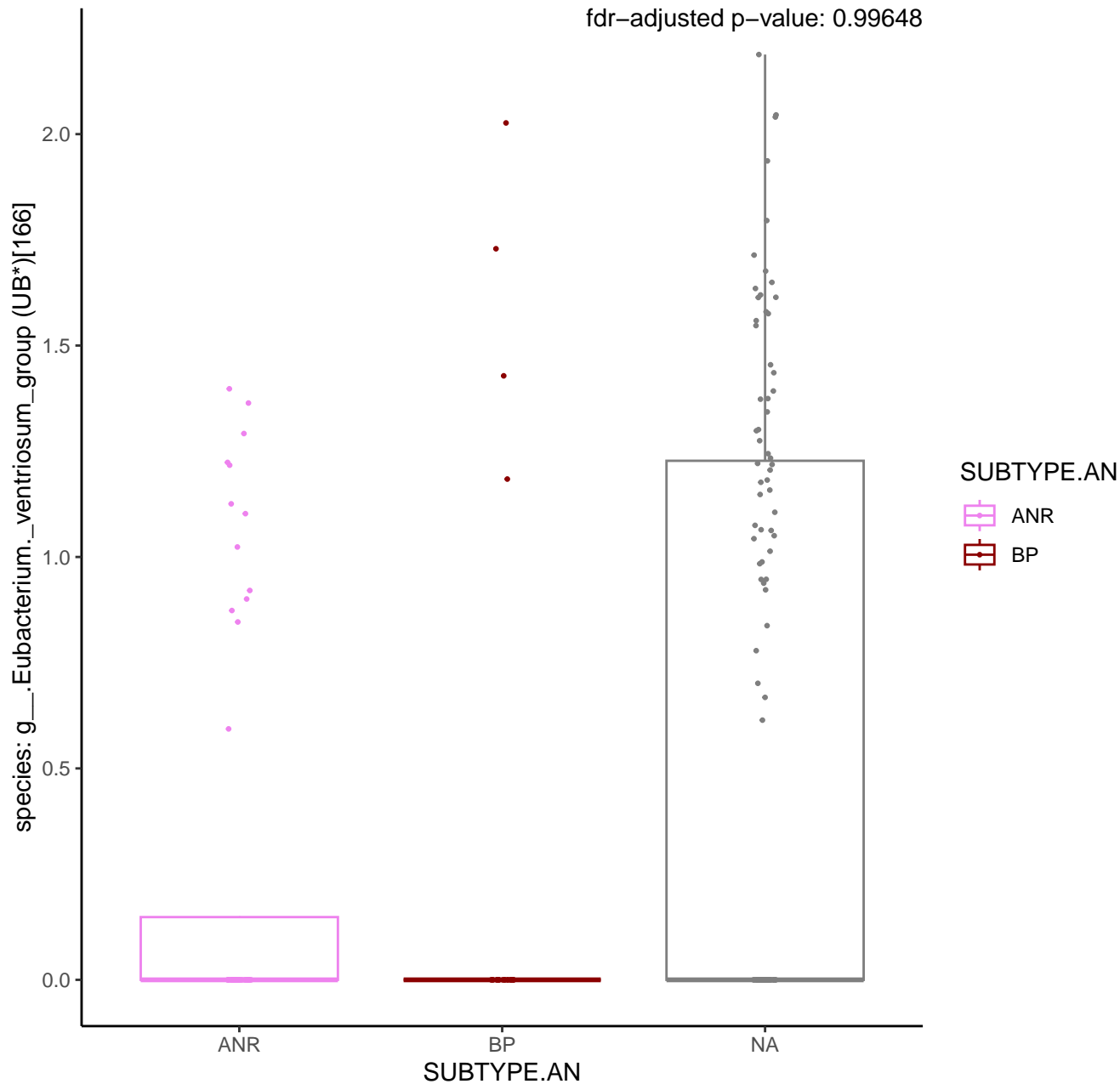
NA

SUBTYPE.AN



anova p-value: 0.99021

fdr-adjusted p-value: 0.99648



anova p-value: 0.99782

fdr-adjusted p-value: 0.99782

species: *Streptococcus salivarius*[4]

SUBTYPE.AN

ANR

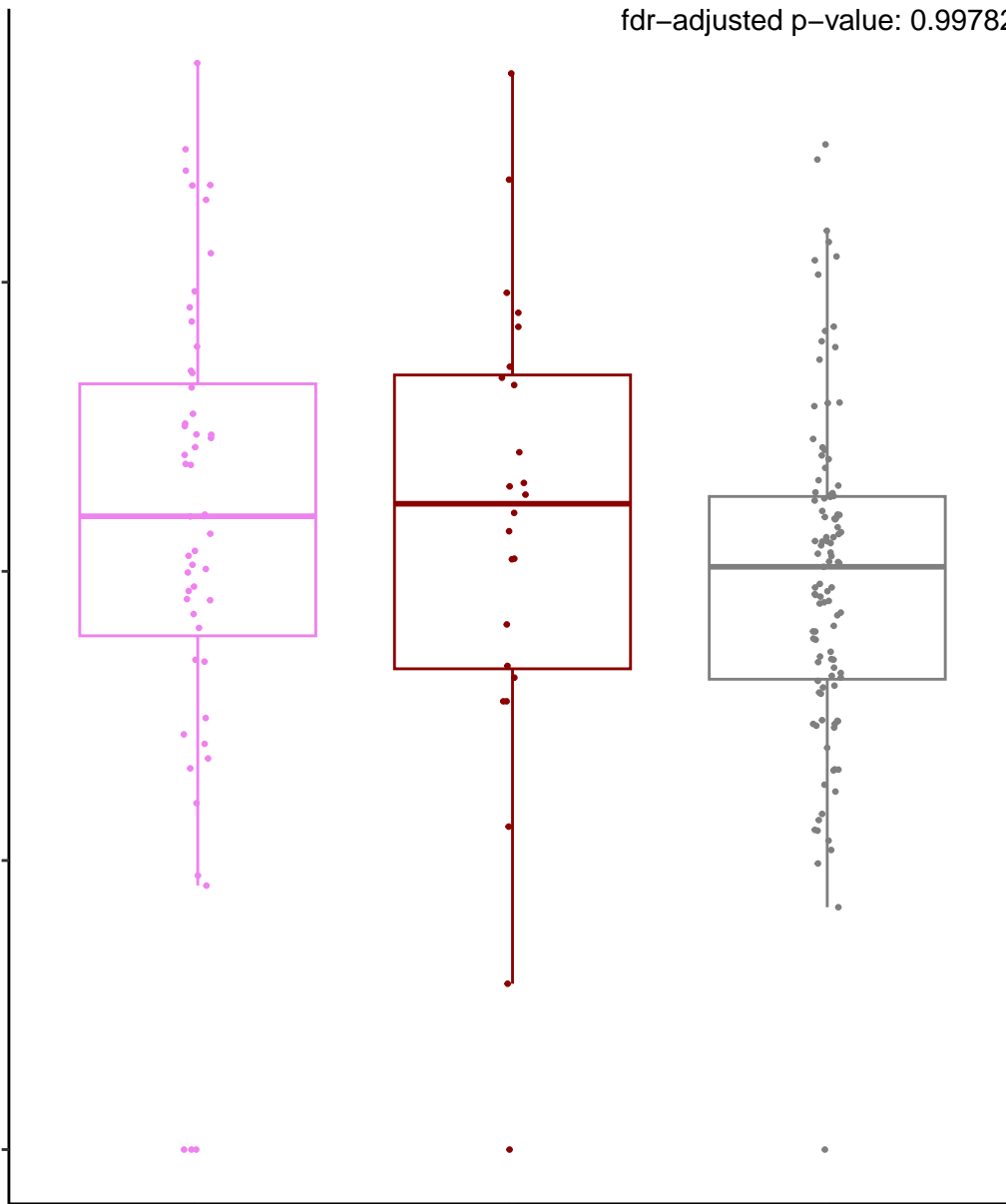
BP

ANR

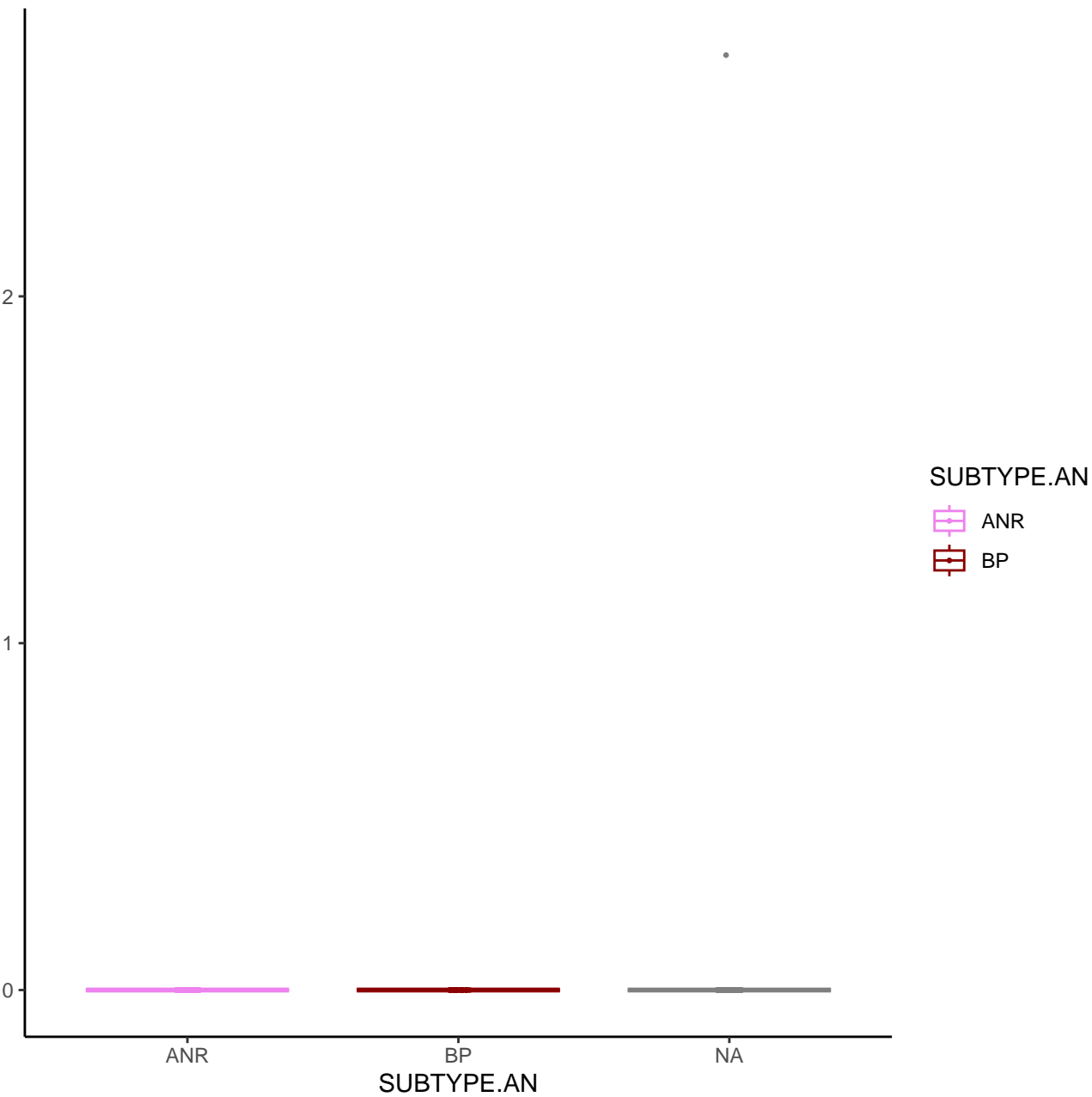
BP

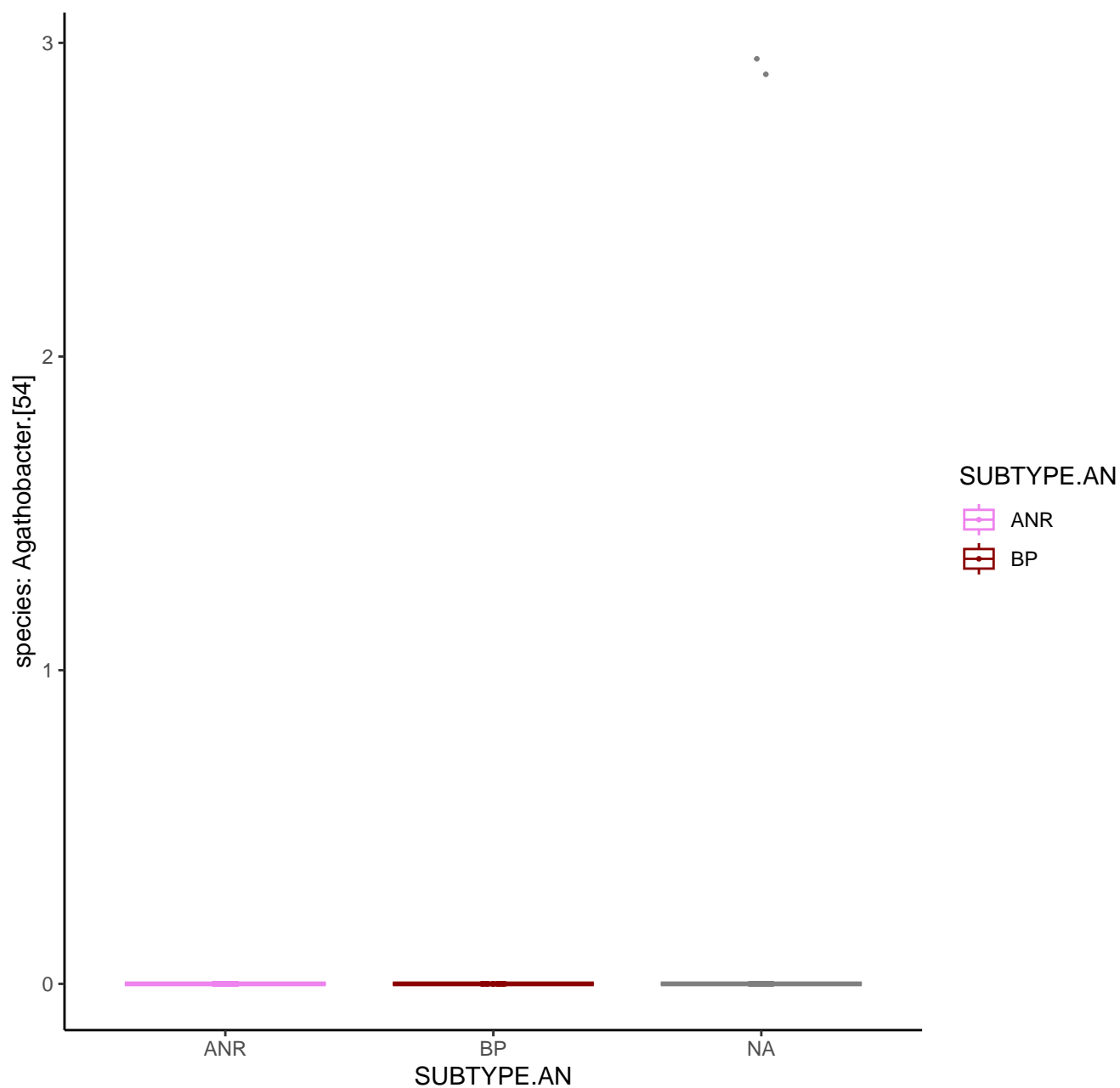
NA

SUBTYPE.AN



species: Roseburia.[17]





species: g__Agathobacter (UB*)[55]

SUBTYPE.AN

ANR

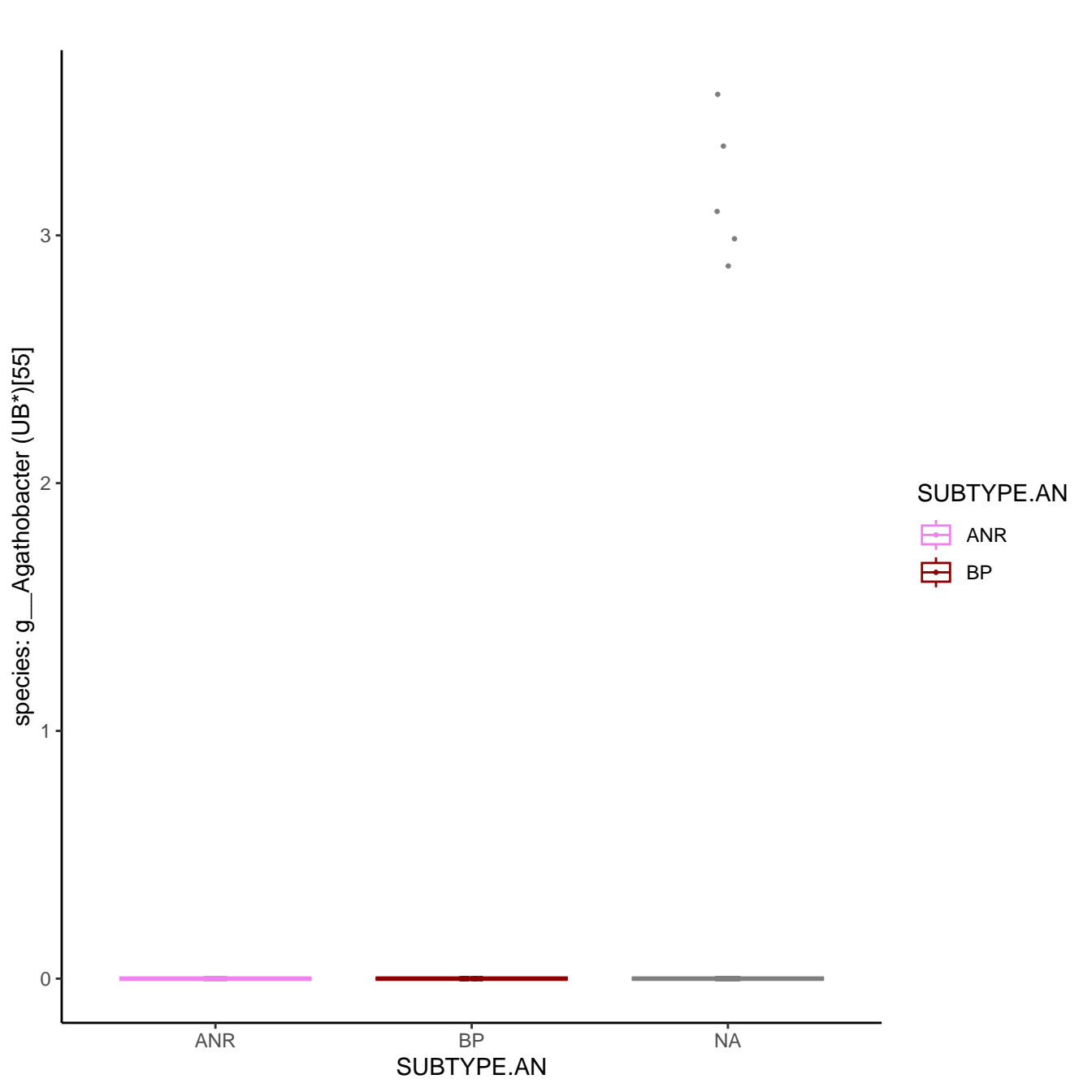
BP

ANR

BP

NA

SUBTYPE.AN



species: uncultured_organism[60]

SUBTYPE.AN

ANR

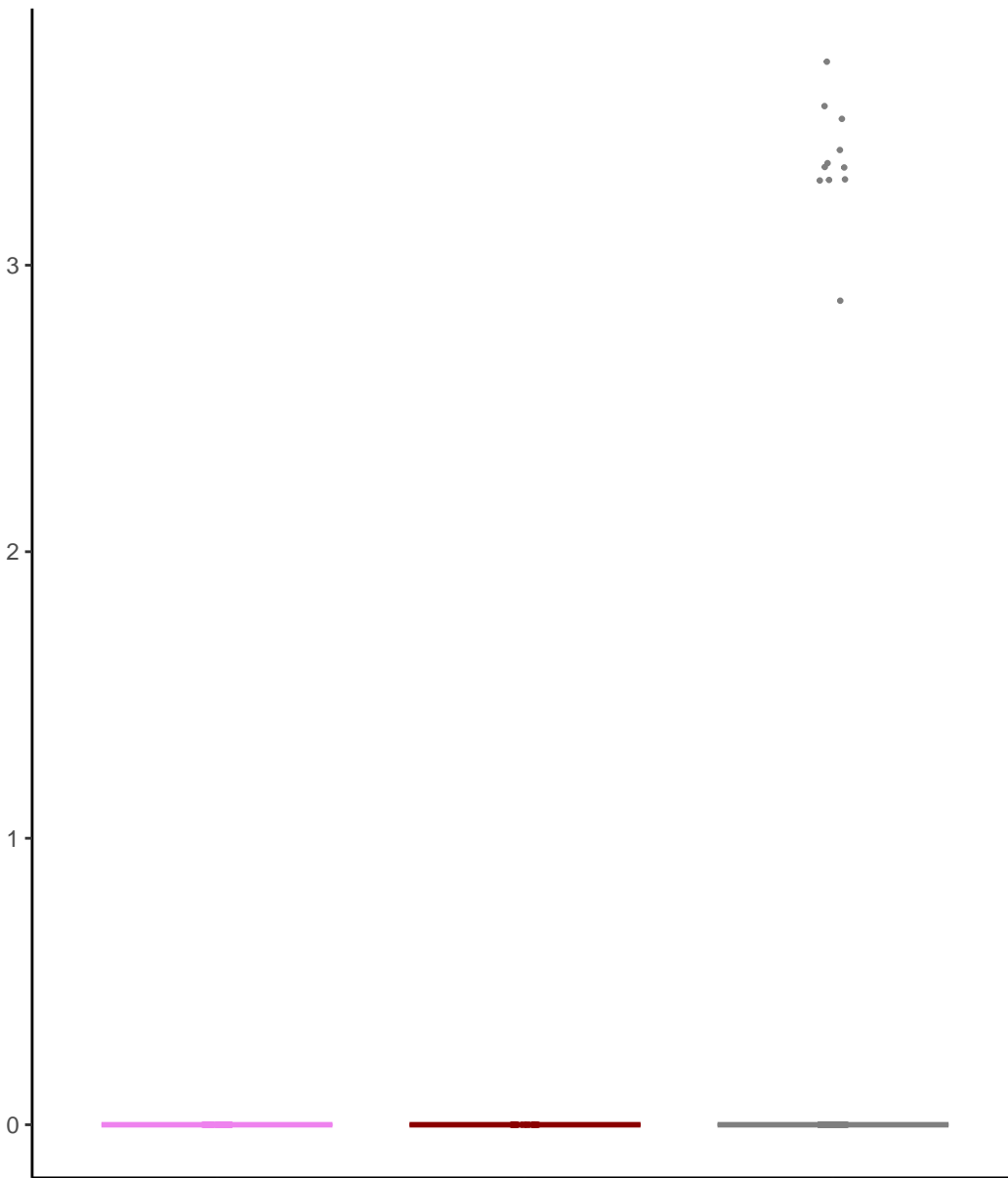
BP

ANR

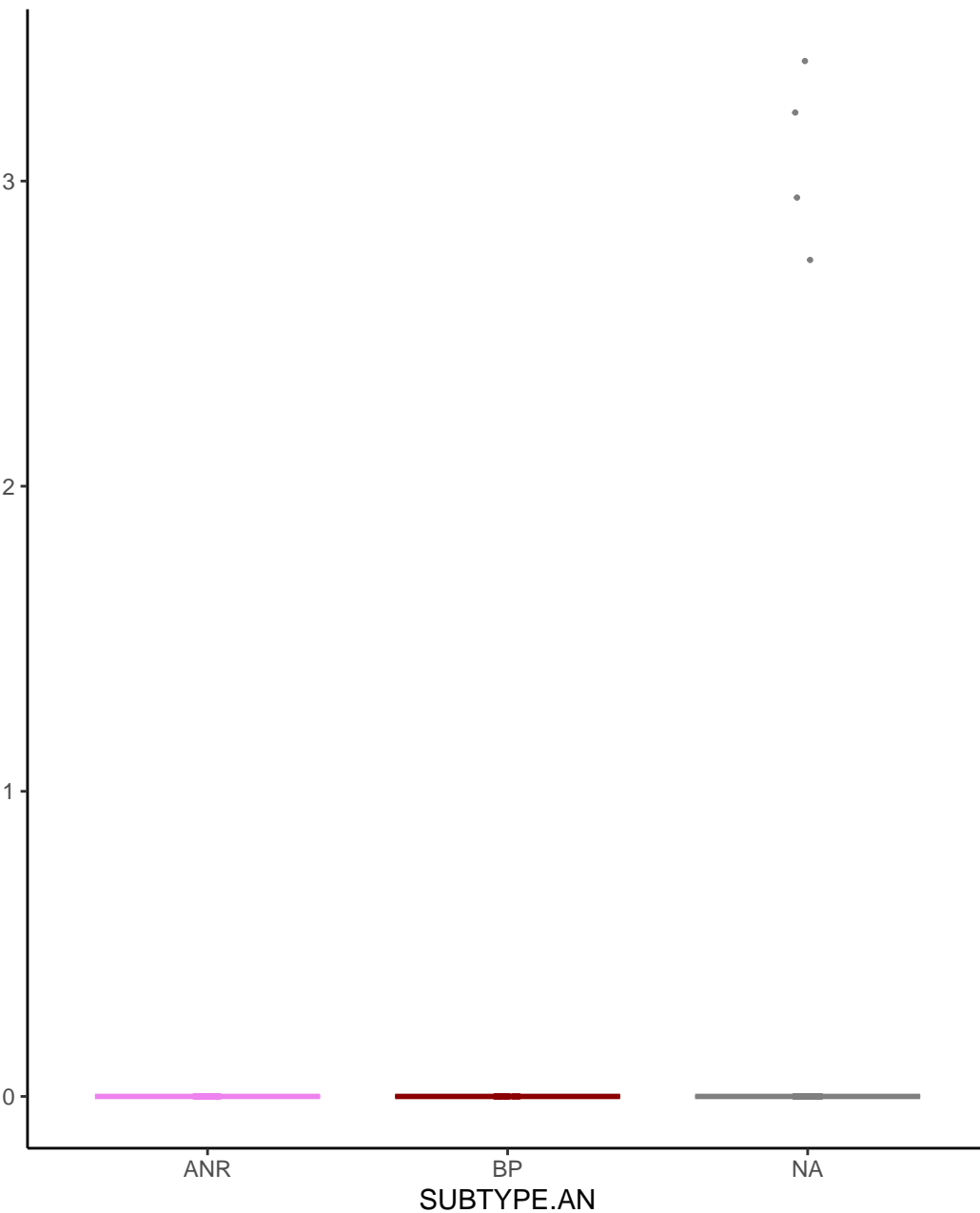
BP

NA

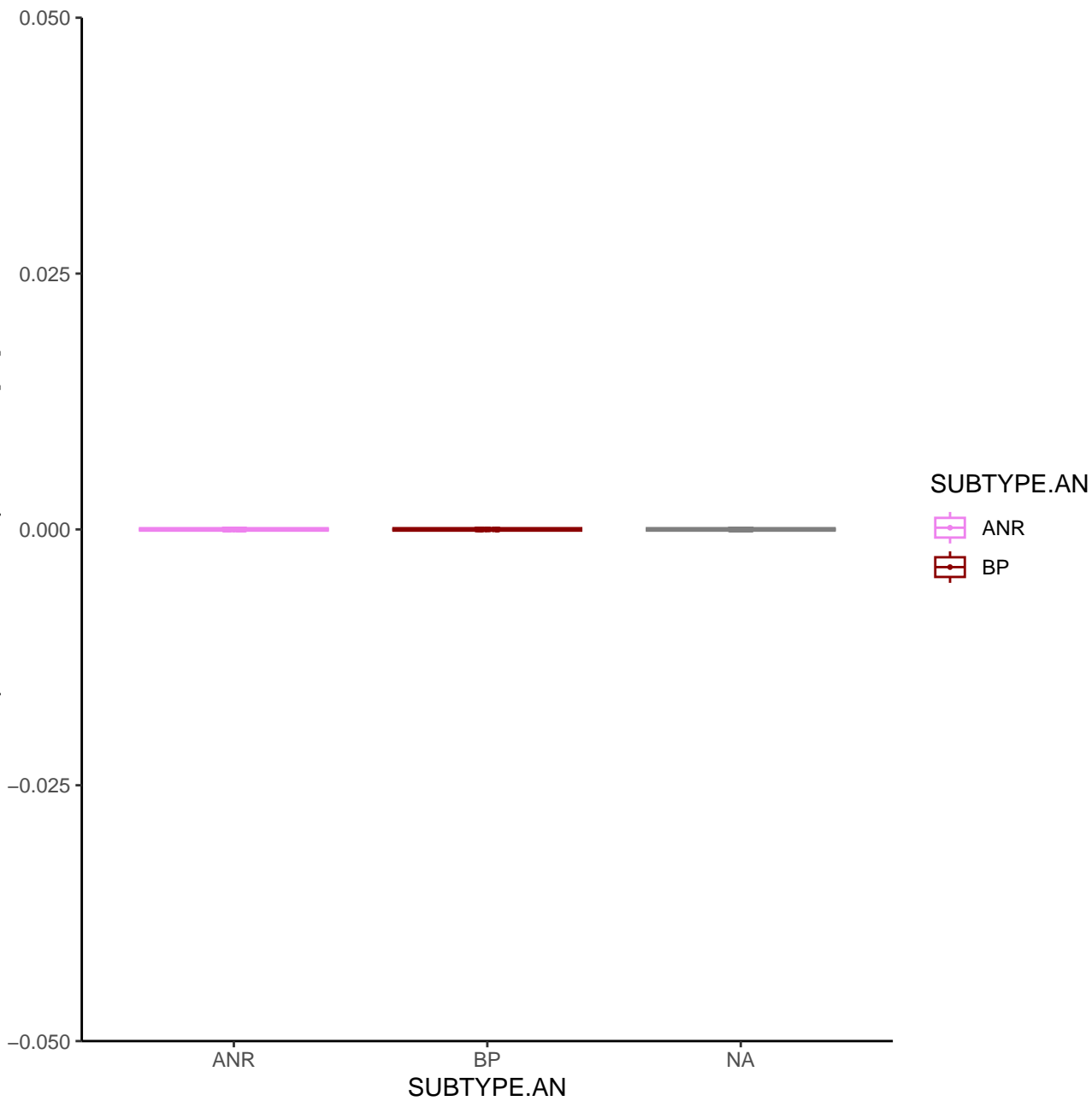
SUBTYPE.AN

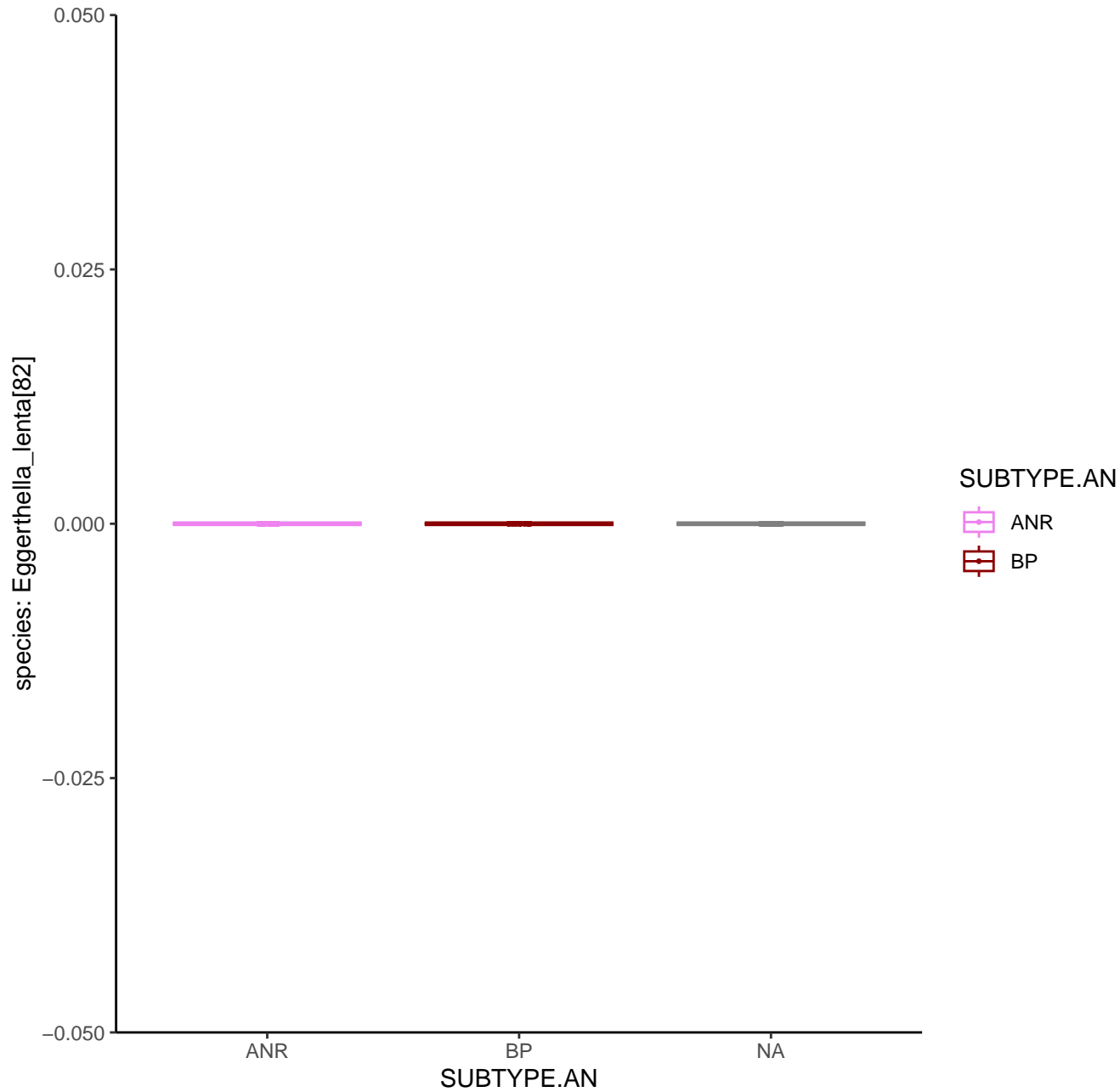


species: Megasphaera.[74]



species: Anaerospirrobacter.[78]





species: g__Muribaculaceae (UB*)[86]

SUBTYPE.AN

ANR

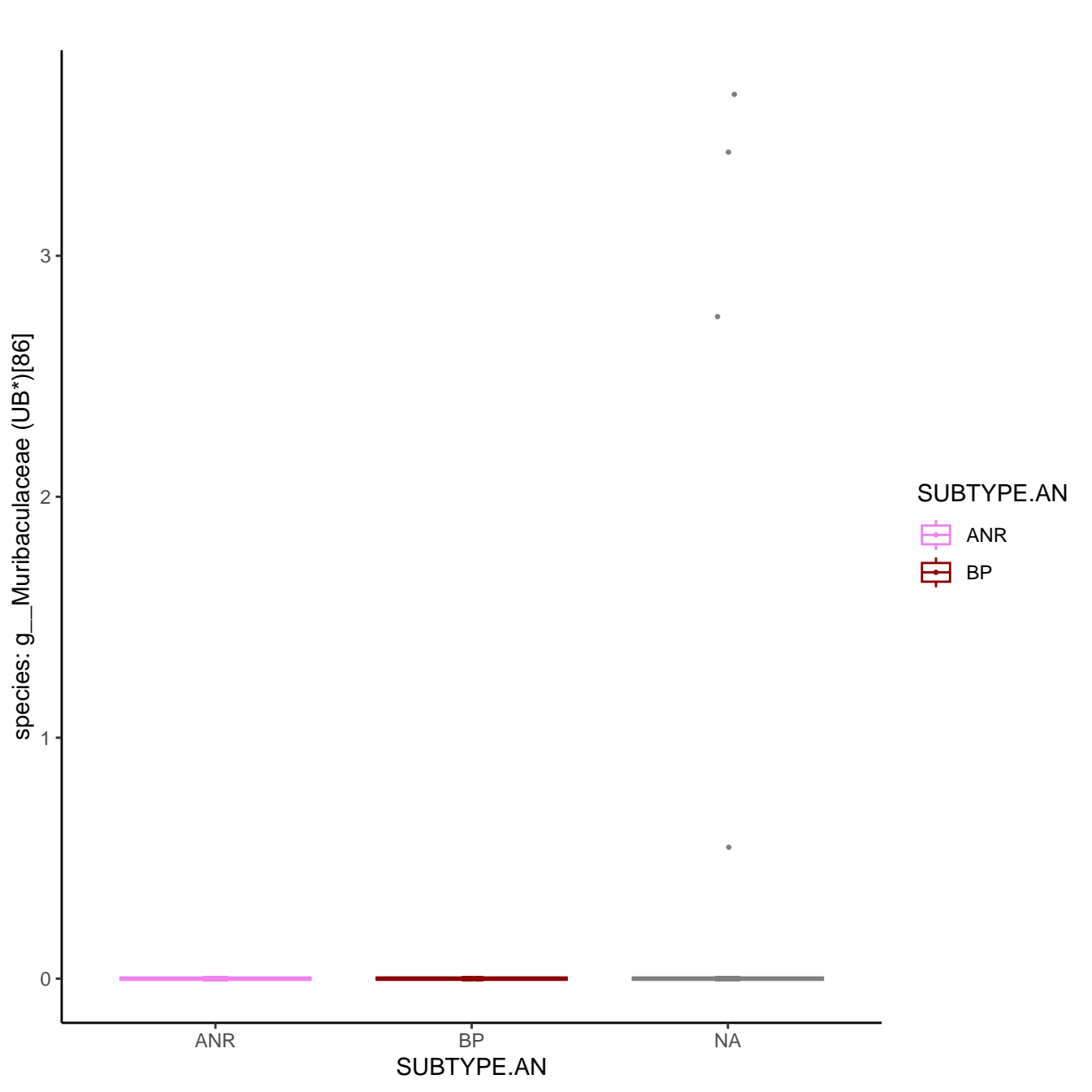
BP

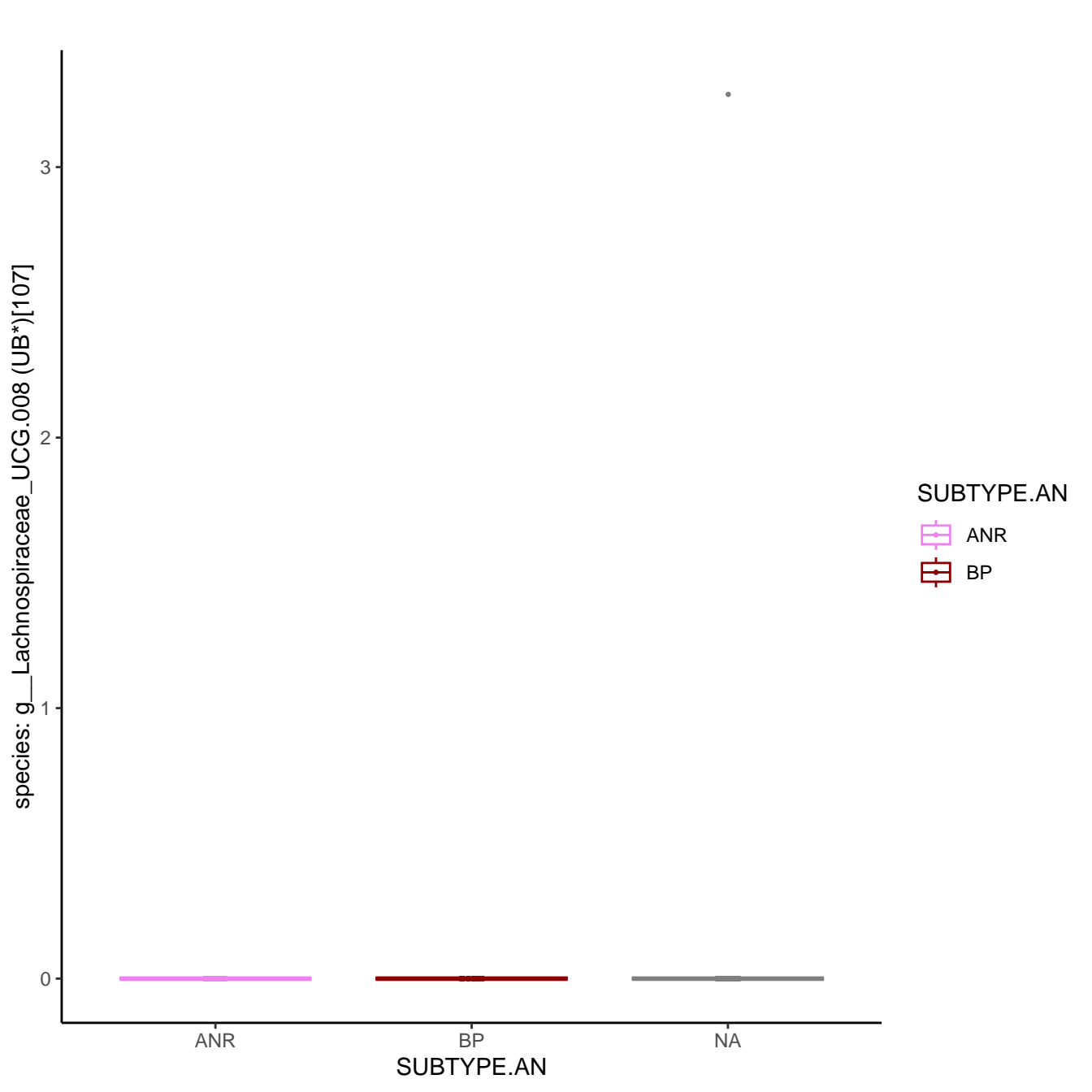
ANR

BP

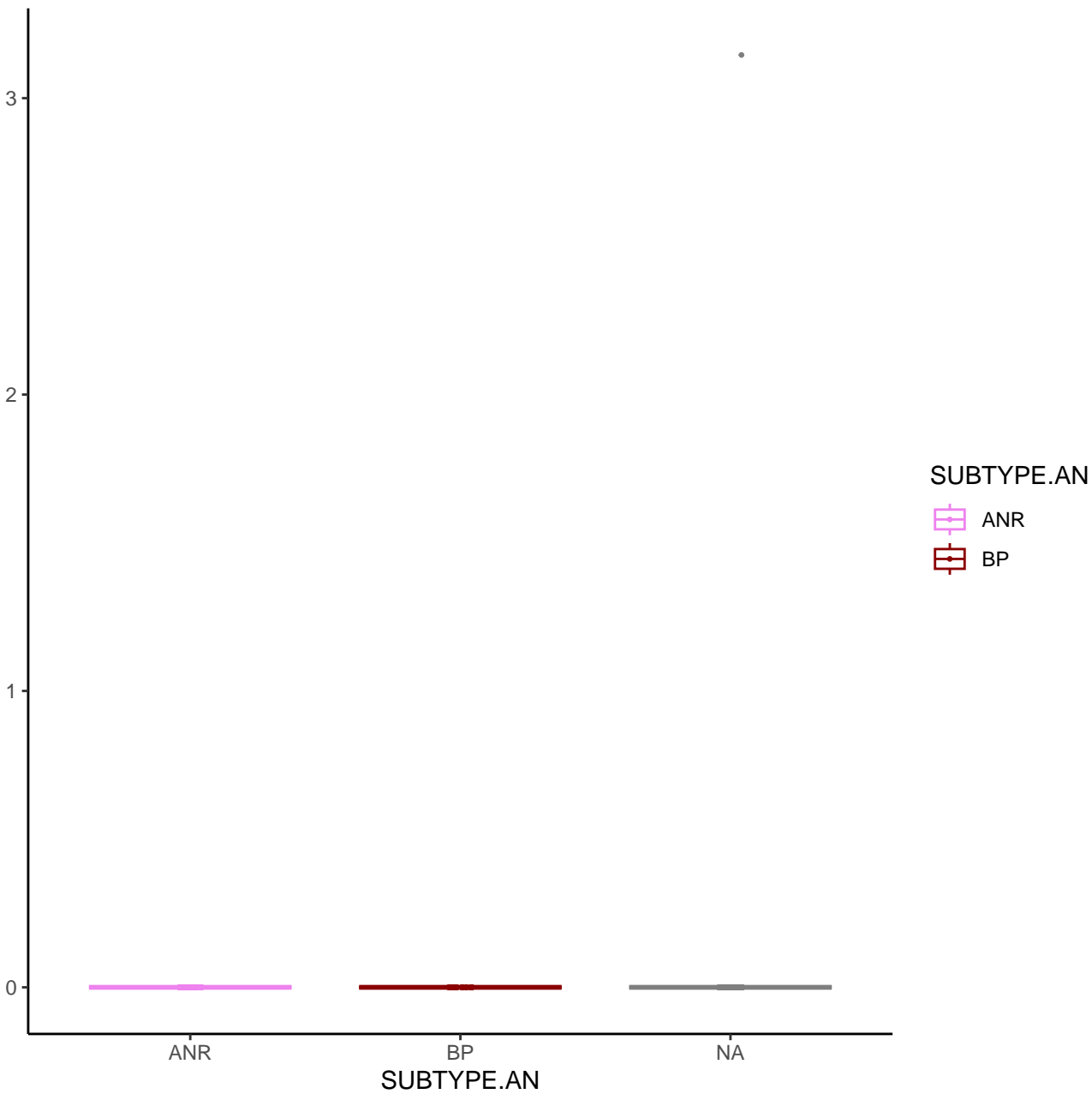
NA

SUBTYPE.AN

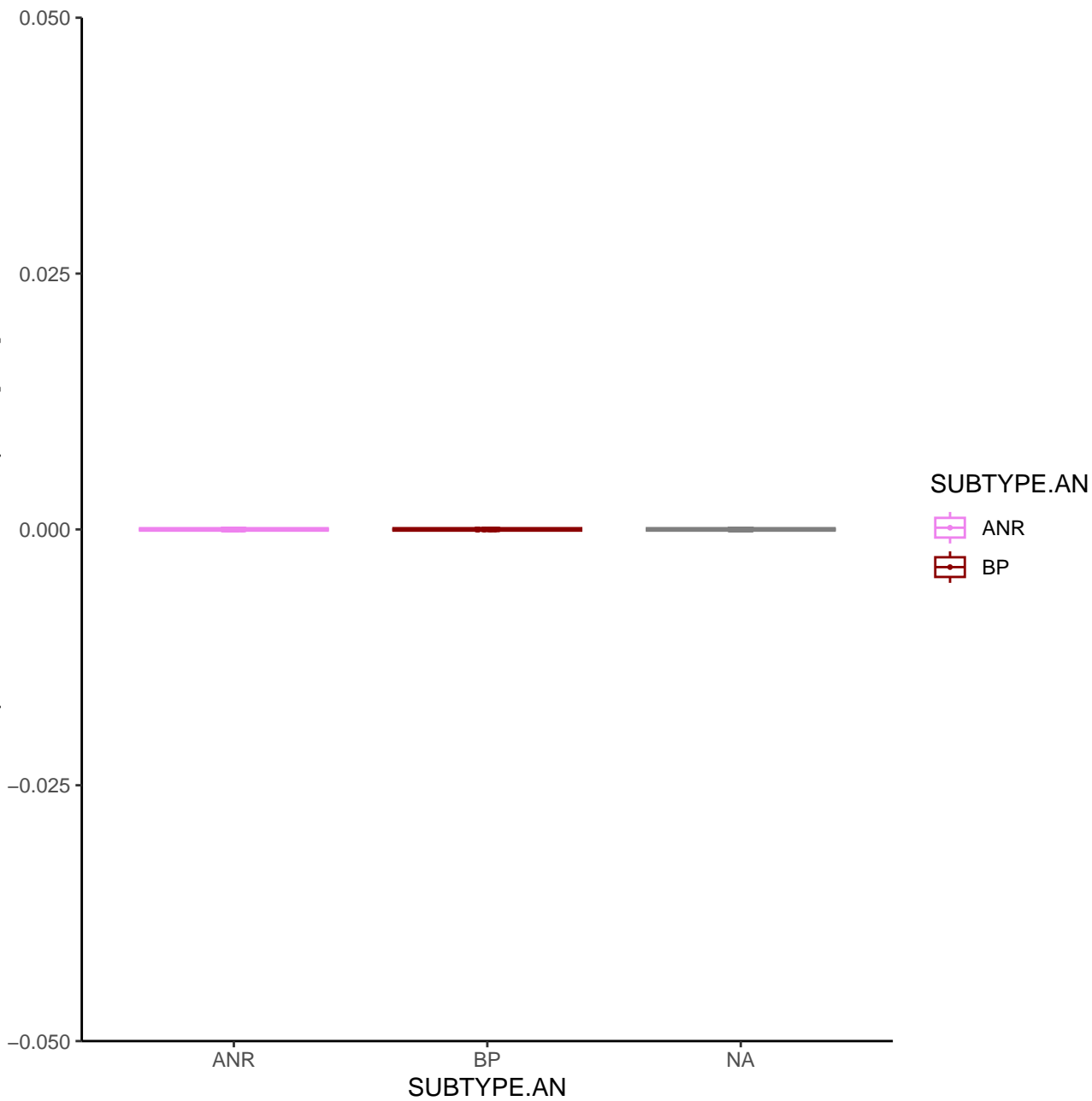




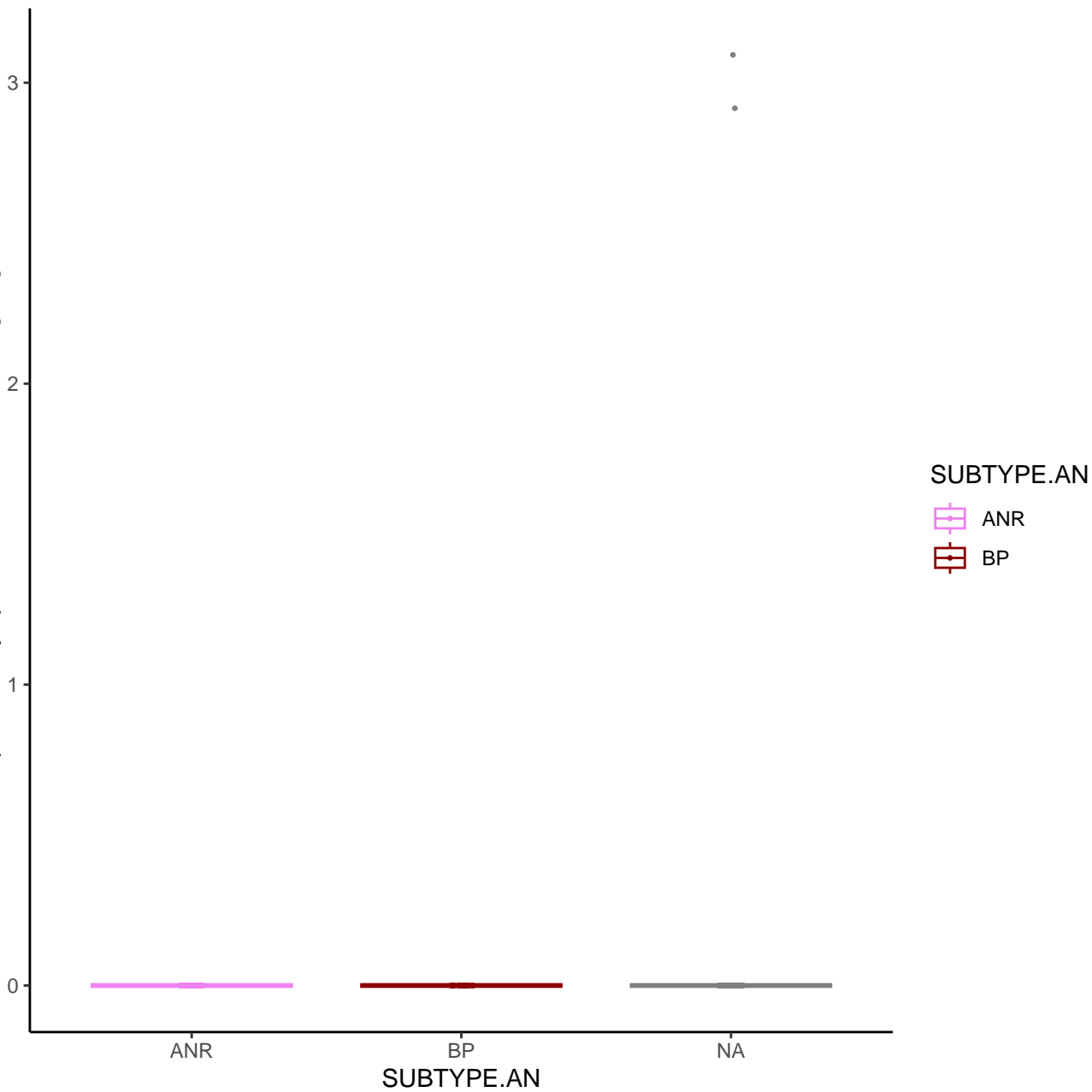
species: Pseudomonas.[115]



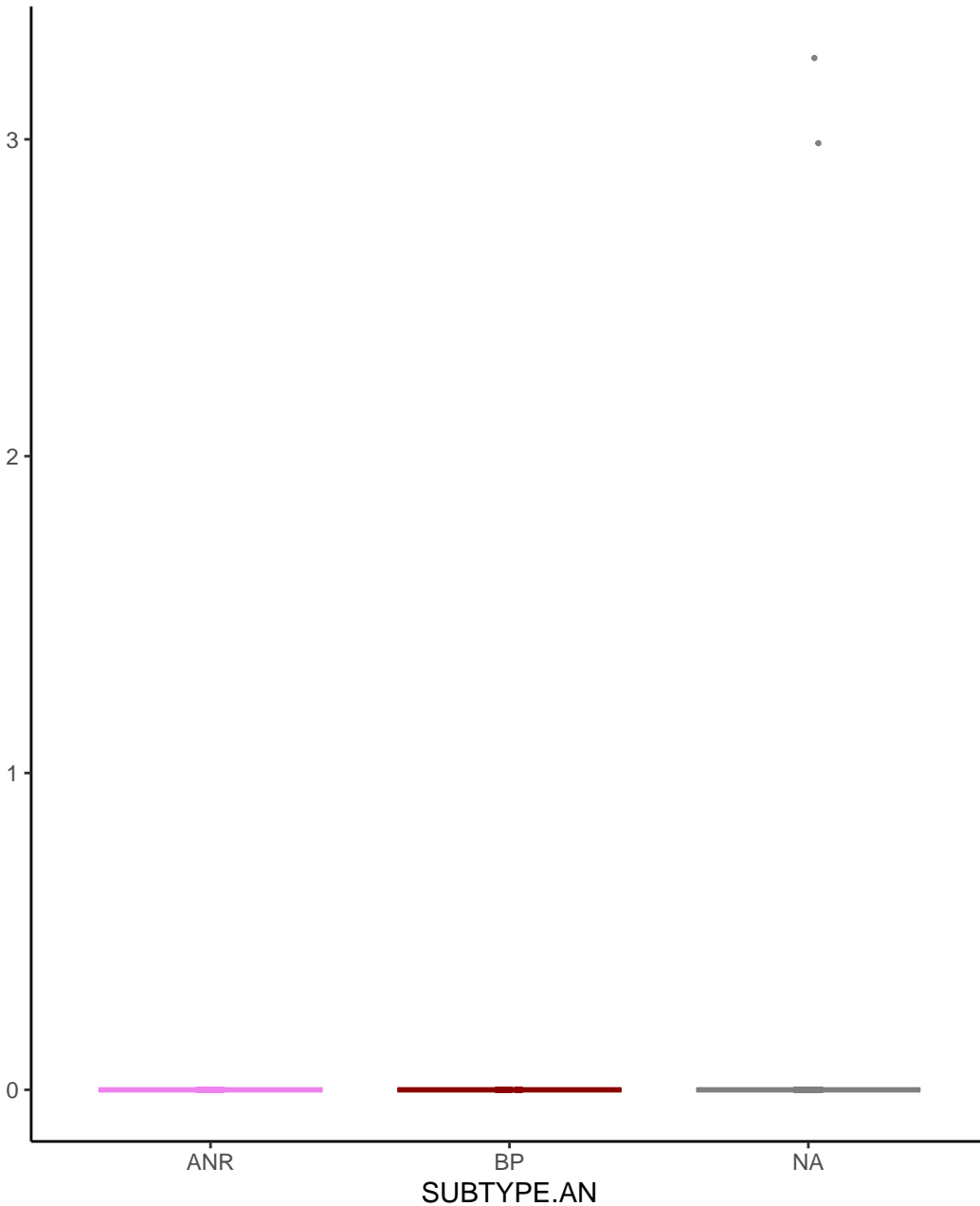
species: Flavonifractor_plautii[123]



species: Erysipelotrichaceae_UCG.003.[132]



species: UCG.002.[137]

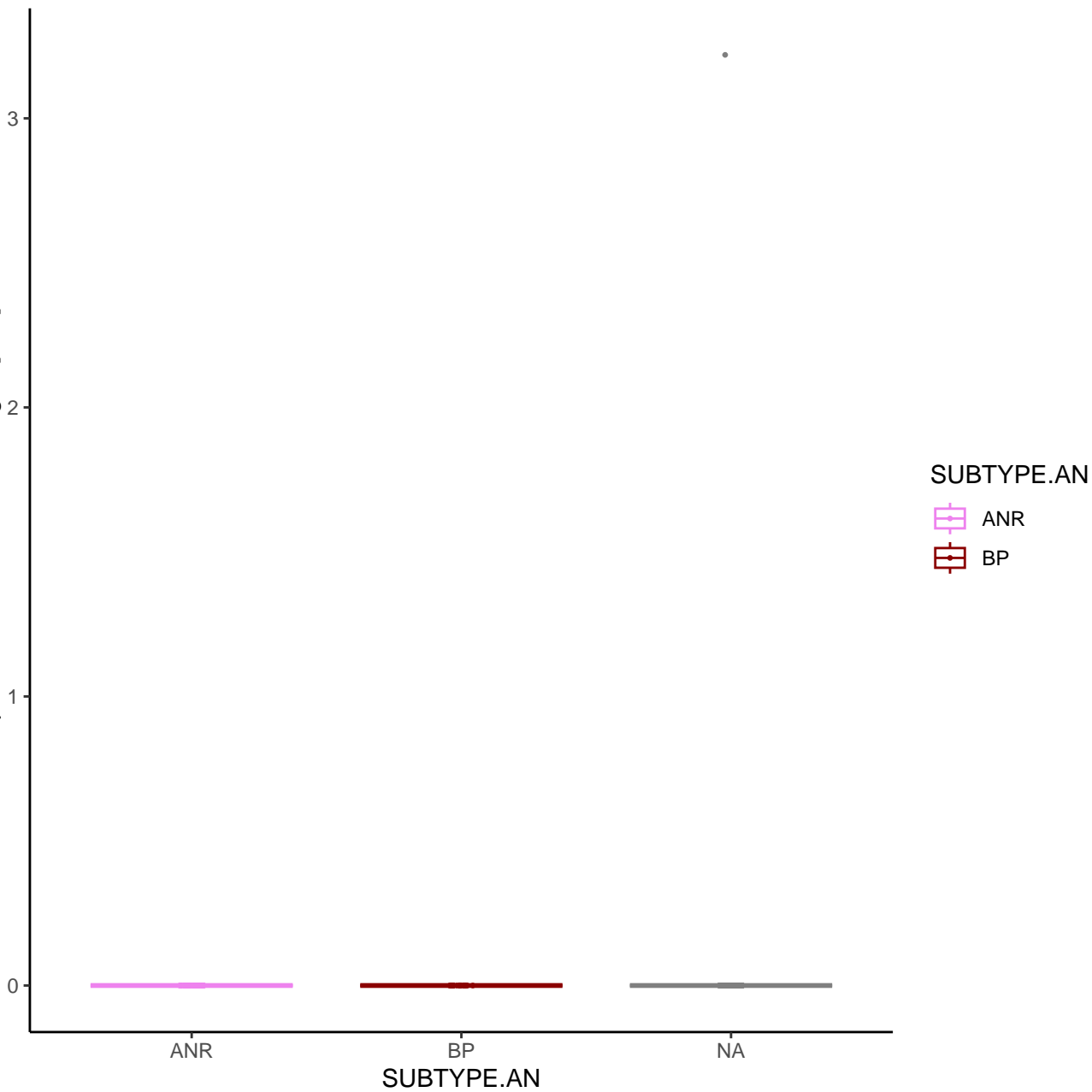


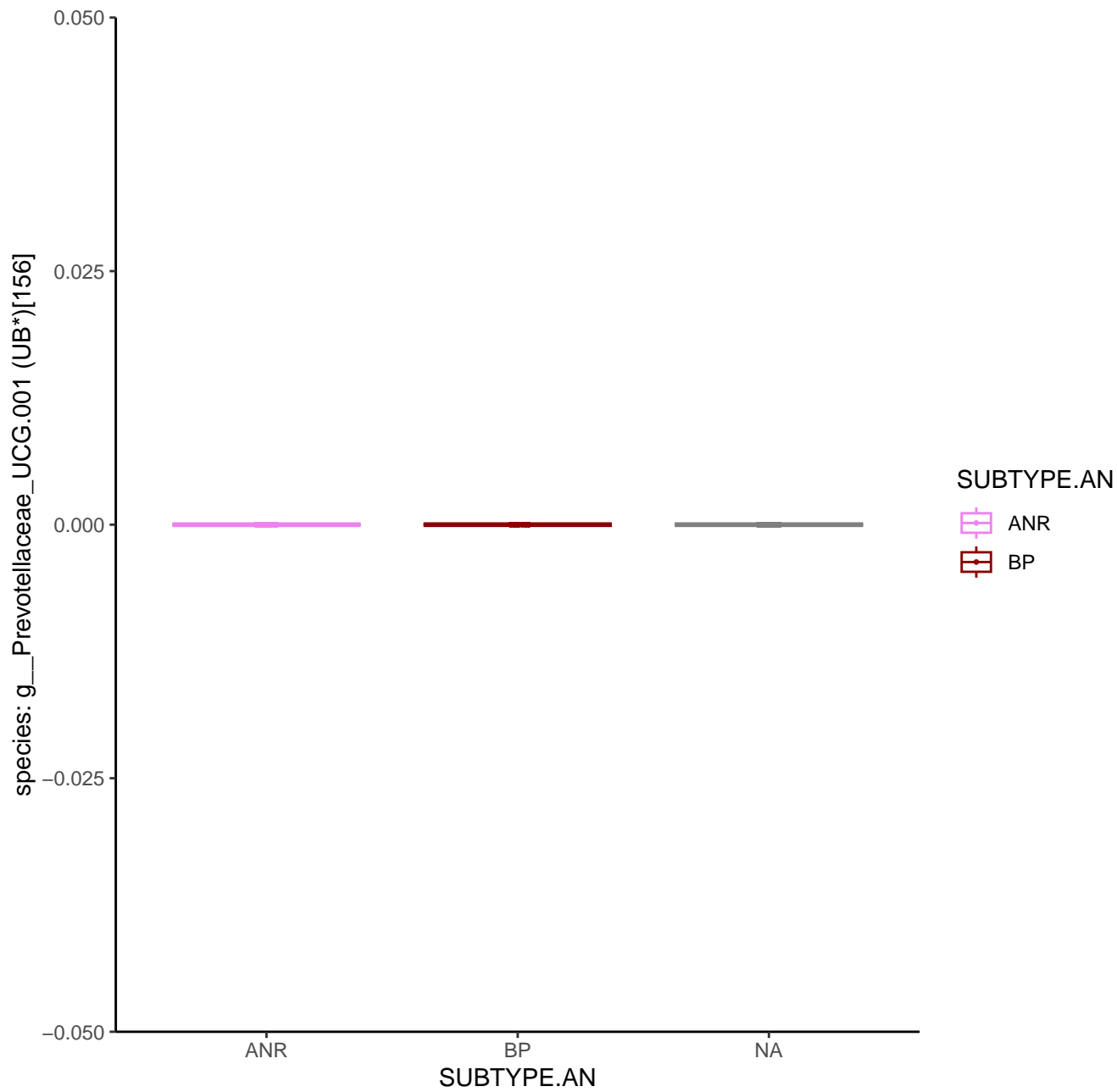
SUBTYPE.AN

ANR

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species: Bifidobacterium_longum[140]





species: uncultured_organism[170]

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ANR

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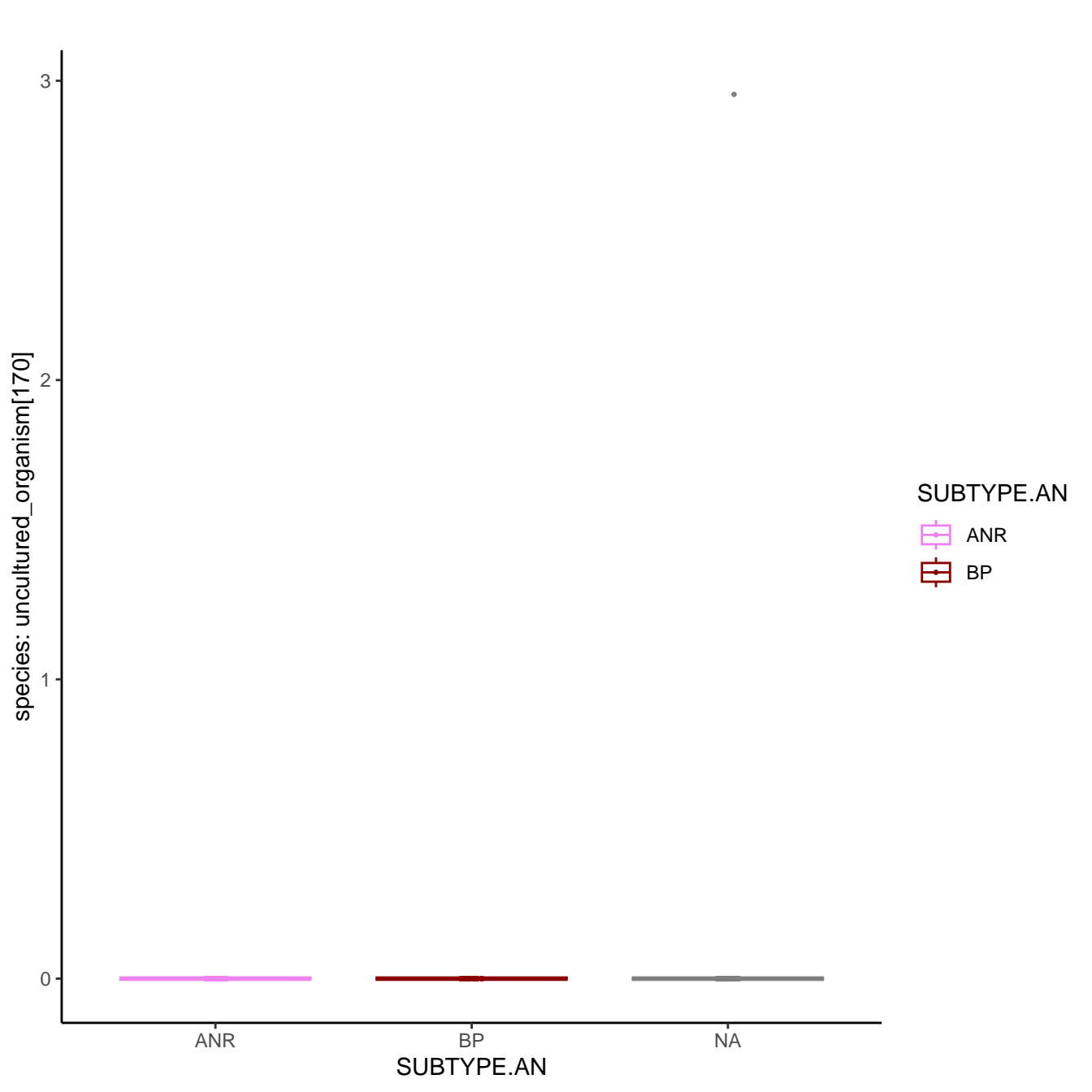
NA

SUBTYPE.AN

SUBTYPE.AN

ANR

BP



species: g__Escherichia.Shigella (UB*)[174]

